



Quality Tools for Smart Cleaning



# PRODUCT ASSORTMENT

Status: 01/2023



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# INNOVATIVE CLEANING SYSTEMS IN RELIABLE PROFESSIONAL QUALITY



For over half a century, **UNGER** has stood for professional cleaning products in more than 80 countries around the world and offers glass and building cleaners clear added value. Every day, our products let you feel how much know-how and innovative technology they contain.

The high demand for professional quality and innovation has always been part of our brand.

Our professional quality makes our tools more effective and more durable. Durability is an essential aspect of sustainability, and with it we take responsibility for our environment.

**Our company has been awarded a sustainability rating by EcoVadis and our quality management is ISO 9001 certified.** We are also treading sustainable paths with this brochure: it is made of 100% recycled paper and produced with low-pollutant inks and varnishes and low-emission adhesives.

Our understanding of sustainability also means that we rely on long-term partnerships with our specialist dealers. We support you - through the competent expert advice of our field staff and our customer service, through eye-catching sales aids at the point of sale and through attractive and high-quality packaging that scores points both on the shelf and in online sales.

We also do our best online and rely on a continuous exchange with our community - not only via the cleaning blog on our website, but also on the social media platforms Facebook, Instagram, YouTube and LinkedIn.

Here you will find:

- Lively discussion with members of the professional cleaning community.
- Practical product videos
- Tips & tricks for professional cleaning

We are interested in your feedback on our brand presence. Please feel free to write to us at **[demailing@ungerglobal.com](mailto:demailing@ungerglobal.com)**. Whether it's criticism or ideas, we look forward to receiving them!

We wish you continued enjoyment and perfect cleaning results with our products and look forward to welcoming you to the **UNGER** community.



# WINDOW CLEANING PURE WATER SYSTEM

## Cleaning with Pure Water

### WHAT IS PURE WATER ?

It's water in its purest form, physically processed to remove the minerals that would otherwise lead to limescale spots and streaks.

Such impurities are referred to as **TDS** (total dissolved solids) and are measured in **ppm** (parts per million).

The water is considered 100 % demineralised (pure) when TDS is 0 ppm.

### ADVANTAGES

**EASY:**

Easy to operate and simple resin change.

**FAST:**

Twice as fast as traditional glass cleaning - just one process.

**COST-SAVING:**

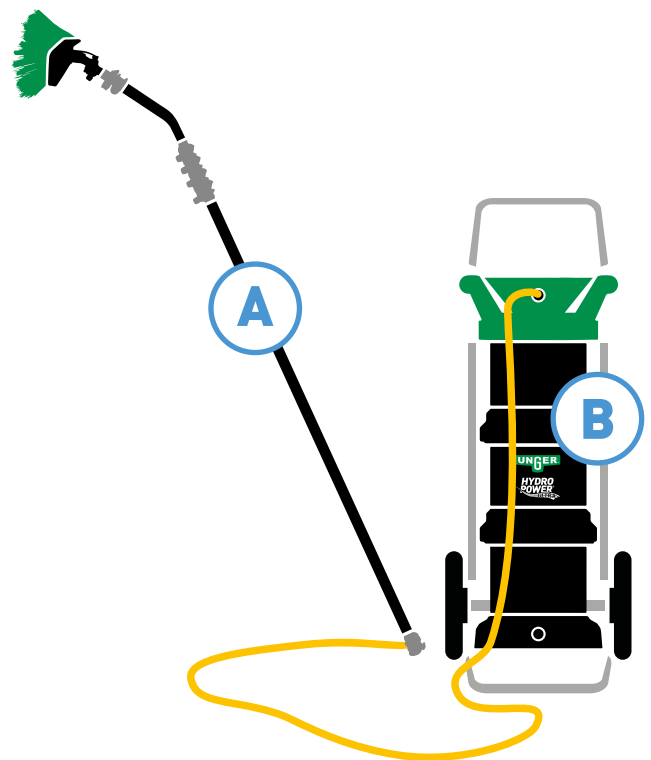
Half the labour costs.  
No rental for cherry picker.

**ENVIRONMENTALLY FRIENDLY:**

Glass cleaning completely without chemical cleaning agents.

**SAFE:**

Safe working from the ground up to the 6th floor, with no cherry picker or ladder whatsoever.



### WHY USE PURE WATER FOR CLEANING?

Pure water contains phenomenal cleaning power – without using any chemicals whatsoever. One-step cleaning with pure water means there is no need to wipe and polish the glass. The pane dries streak-free and without any deposits. It is twice as quick as with traditional glass cleaning and significantly improves the cost calculations\*.

Applied with a water fed pole system, such as **UNGER nLITE®**, pure water is a fast, safe and effective method of cleaning, especially at height.

### TYPICAL APPLICATIONS

**WINDOW AND FACADE CLEANING:**

- Fast and effective method – great results!
- Easy access to hard to reach areas

**PV- AND SOLAR PANEL CLEANING:**

- Regular cleaning prevents build up of dirt for greater energy output
- Solar yield can be increased significantly!
- Cleaning with 100 % pure water leaves no streaks or detergent residue

\*Prof. Dr. rer.nat. Gerhard Winter, Albstadt-Sigmaringen University, seminar documents February/March 2011



# The UNGER Pure Water System

## A WATER-FED POLE SYSTEM

p. 6



A technological milestone: The new **nLITE**® system is the best and most advanced telescopic pole system that has ever existed. Ultra-light materials make work considerably easier. The innovative pole shape ensures noticeably more precision. And thanks to the easy handling of the poles and many intelligent product details, pure water cleaning is done faster than ever before.

With the high-quality material classes used, the **nLITE**® system is suitable for every application and every budget and proves to be perfect equipment for every working height - of course with **UNGER** quality "Made in Germany".

## B PURE WATER FILTERS

p. 19



There are 2 recognised methods of pure water production in the window cleaning industry – Reverse Osmosis and Deionisation.

The **UNGER** range includes filters utilising either of these methods - turn to page 21 for more information.

## A WATER FED POLE SYSTEM

# nLITE® BRUSHES

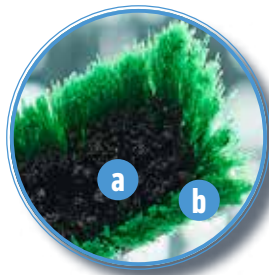
## Ultimate cleaning performance for perfect results

Outstanding down to the last detail: a fully optimized brush concept prepares you for almost any challenge.

- Clever water distribution system
- Innovative bristle technology
- Precision cleaning down to the last corner

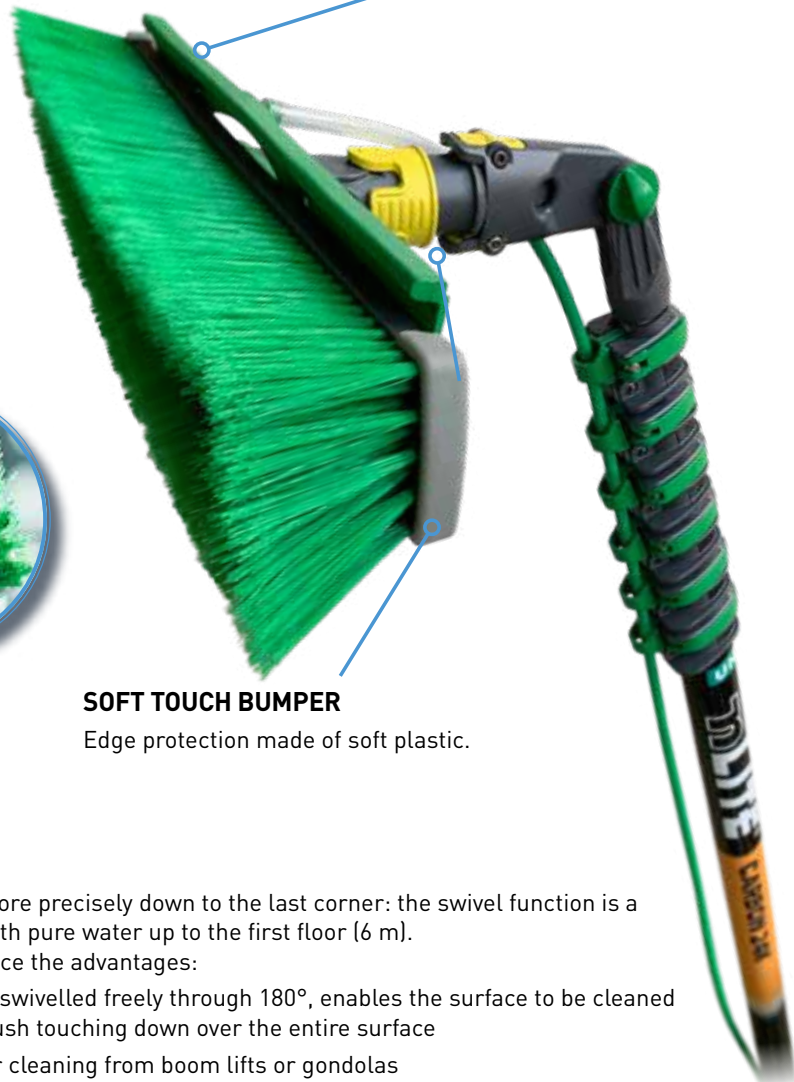
### POWER BRISTLE TECHNOLOGY

- a** Inner bristles with extremely high cleaning performance, comparable to natural hair bristles
- b** Longer outer bristles for easy gliding: no more annoying jumping of the brush



### RINSE BAR

This special flushing nozzle bar is attached above the brush and delivers the right amount of pure water exactly where it is needed for powerful rinsing of the cleaned surface - surface - more effective than ever before!



### SOFT TOUCH BUMPER

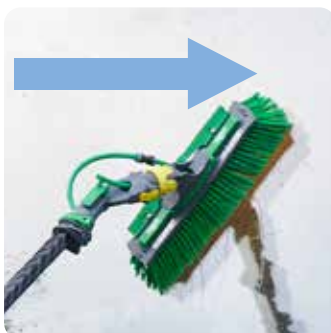
Edge protection made of soft plastic.



### SWIVEL LOCK

You've never cleaned faster and more precisely down to the last corner: the swivel function is a completely new way of cleaning with pure water up to the first floor (6 m). Open the SwivelLock and experience the advantages:

- The brush socked, which can be swivelled freely through 180°, enables the surface to be cleaned with an S movement with the brush touching down over the entire surface
- Enlarges the work area, ideal for cleaning from boom lifts or gondolas



## A WATER FED POLE SYSTEM

**UNGER**  
Quality Tools for Smart Cleaning

**NEW**  
from March 2023

# ANGLE BRUSH

**nLITE**

## For large surfaces, frames and corners

### EQUIPMENT AS nLITE POWER BRUSH

Rinse bar, integrated nozzle block, quick release fasteners, high quality nylon bristles. Available with flagged and unflagged bristles and in 28 cm and 41 cm lengths.

### SPECIAL BRISTLE CUT

Allows even easier cleaning of corners with 90° angles. The short, stiff bristles inside the brush provide great scrubbing power.

### HIGH BRISTLE DENSITY

Guarantees excellent cleaning with little bending as well as long durability. The brush can also be used with hot water.

### ALL-ROUND SHOCK AND EDGE PROTECTION

The all-round shock and edge protection protects the window frame from scratches and damage and reduces noise when in contact with parts of the building. Firmly attached, cannot come loose.

### THREE WAYS OF WATER SUPPLY

High flexibility due to three ways of water supply and therefore extremely easy removal of dirt.

1 Powerful cleaning by means of a water jet from the centrally integrated nozzle block.

2 3 The RinseBar can be used in two different positions: This means that window sills and roller shutter boxes can also be cleaned optimally.





# A WATER FED POLE SYSTEM

## nLITE® BRUSHES

### Brushes for nLITE® CarbonComposite-, Carbon 24K- and nLite®Connect- telescopic pole systems



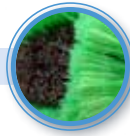
#### nLITE® POWER BRUSH, FLAGGED

**Strong cleaning performance and perfect gliding performance.**

**Recommended for maintenance cleaning**

- With Power Bristle technology
- Nozzle block integrated in the middle of the brush for powerful dirt removal (NFK, NFF)
- With a special rinse nozzle strip above the brush for powerful rinsing (NFK, NFA)
- Including hoses with quick connectors

Part No.	Size	Version	Pack
NFK28	28 cm	with rinse bar + swivel loc	1
NFK41	41 cm	with rinse bar + swivel loc	1
NFF28	28 cm	simple	1
NFF41	41 cm	simple	1
NFA28	28 cm	with adapter kit for nLite Connect poles	1
NFA41	41 cm	with adapter kit for nLite Connect poles	1



#### nLITE® POWER BRUSH, UNFLAGGED

**Very good cleaning performance. Optimal flushing of the bristles with almost no residue. Recommended for maintenance and solar cleaning.**

- With Power Bristle technology
- Nozzle block integrated in the middle of the brush for powerful dirt removal (NUK, NUF)
- With a special rinse nozzle strip above the brush for powerful rinsing (NUK, NUA)
- Including hoses with quick connectors

Part No.	Size	Version	Pack
NUK28	28 cm	with rinse bar + swivel loc	1
NUK41	41 cm	with rinse bar + swivel loc	1
NUF28	28 cm	simple	1
NUF41	41 cm	simple	1
NUA28	28 cm	with adapter kit for nLite Connect poles	1
NUA41	41 cm	with adapter kit for nLite Connect poles	1



#### nLITE® ANGLE BRUSH, FLAGGED

**Powerful cleaning performance, large cleaning area**

- Angled back for larger surfaces, frames and corners
- High bristle density, excellent cleaning with little bending of the bristles
- Special bristle cut - easy cleaning of corners with 90° angle
- All-round bumper and edge protection, firmly attached
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

Part No.	Size	Pack
NFR28	28 cm	1
NFR41	41 cm	1



**NEW**  
from March 2023



#### nLITE® ANGLE BRUSH, UNFLAGGED

**Powerful cleaning performance, large cleaning area**

- Angled back for larger surfaces, frames and corners
- High bristle density, excellent cleaning with little bending of the bristles
- Special bristle cut - easy cleaning of corners with 90° angle
- All-round bumper and edge protection, firmly attached
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

Part No.	Size	Pack
NUR28	28 cm	1
NUR41	41 cm	1



**NEW**  
from March 2023



#### nLITE® HYBRID BRUSH

**Extremely powerful cleaning performance. Easier glide and less weight than full natural hair brushes. Recommended for maintenance cleaning and solar cleaning.**

- Outside boar bristles - high cleaning power of the folded bristles, no streaks
- Inside bristles with Power Bristle Technology - very high scrubbing power - easy glide - low water absorption
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

Part No.	Size	Bristles	Pack
NUH28	28 cm	Natural bristles+Power	1
NUH41	41 cm	Natural bristles+Power	1



#### nLITE® SOFT BRUSH

**Gentle surface cleaning. Reduces risk of damage to sensitive surfaces.**

- Thin bristles with high flexibility
- Short bristles in high density for stable fibre layout
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

Part No.	Size	Bristles	Pack
NFS28	28 cm	synthetic, 2,5cm	1
NFS41	41 cm	synthetic, 2,5cm	1



**ATTENTION: Some surfaces are easily scratched. Always test brushes prior to use.**











# A WATER FED POLE SYSTEM

## nLITE® BRUSHES



Quality Tools for Smart Cleaning

### BRUSH OVERVIEW for nLITE® telescopic pole system - also compatible with nLite® Connect telescopic pole system

		WEIGHT	WIDTH	BRISTLES		FEATURES			APPLICATION					
		Brush complete		Material	Length (outside/inside)	Centre nozzle block	Rinse Bar	Swivel Lock	Initial cleaning	Maintenance cleaning	Sensitive surfaces	Solar		
	<b>nLITE® POWER COMPLETE</b>	NFK28	346 g	28 cm	Power-Technology flagged	55 mm/40 mm	✓	✓	✓					
		NFK41	488 g	41 cm										
	<b>nLITE® POWER SIMPLE</b>	NFF28	290 g	28 cm	Power-Technology flagged	55 mm/40 mm	✓				✓			
		NFF41	399 g	41 cm										
	<b>nLITE® POWER nLite CONNECT KIT</b>	NFA28	290 g	28 cm	Power-Technology flagged	55 mm/40 mm	✓				✓			
		NFA41	399 g	41 cm										
	<b>nLITE® POWER COMPLETE</b>	NUK28	356 g	28 cm	Power-Technology unflagged	55 mm/40 mm	✓	✓	✓					
		NUK41	491 g	41 cm										
	<b>nLITE® POWER SIMPLE</b>	NUF28	294 g	28 cm	Power-Technology unflagged	55 mm/40 mm	✓				✓			
		NUF41	402 g	41 cm										
	<b>nLITE® POWER nLite CONNECT KIT</b>	NUA28	294 g	28 cm	Power-Technology unflagged	55 mm/40 mm	✓				✓			
		NUA41	402 g	41 cm										
	<b>nLITE® ANGLE FLAGGED</b>	NFR28	500 g	28 cm	Nylon flagged	15-55mm	✓	✓ 2 Pos.				✓		
		NFR41	700 g	41 cm										
	<b>nLITE® ANGLE UNFLAGGED</b>	NUR28	500 g	28 cm	Nylon unflagged	15-55mm	✓	✓ 2 Pos.				✓		
		NUR41	700 g	41 cm										
	<b>nLITE® SOFT</b>	NFS28	320 g	28 cm	thin synthetic bristles	25 mm	✓	✓	✓				✓	
		NFS41	440 g	41 cm										
	<b>nLITE® HYBRID</b>	NUH28	333 g	28 cm	Boarhair + Power	45 mm/30 mm	✓	✓	✓	✓			✓	
		NUH41	460 g	41 cm										



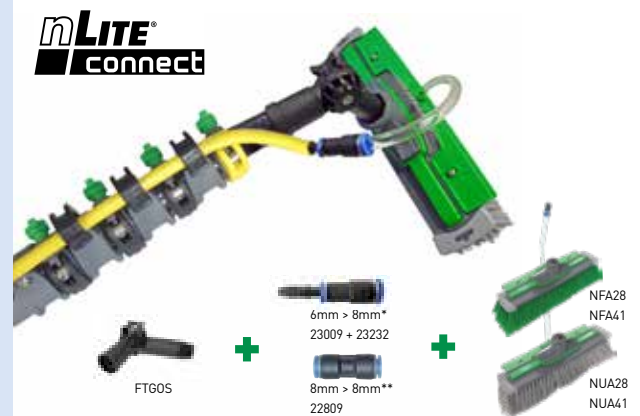
#### nLITE® BRUSH COMPATIBILITY:

nLITE® Carbon Composite or Carbon 24K telescopic pole



Required adapter: NGS15 / NGS30 / NGS 45 (nLITE® angle adapter)  
Used Hose: DLS25

nLite® Connect telescopic pole (Alu, HiMod, UltraHiMod)



Brush Kits including all needed adapters: NFA28/41 or NUA28/41  
Used Hose: \*NL11G / \*NL20G / \*NL25G / \*\*NL25H



#### TIPS FOR USING THE nLITE® SOFT BRUSH:

- 1. Test the brush on the surface!**  
Test the brush on a concealed area before using it over a wide area. On surfaces that are sensitive to scratches, undesirable permanent signs of use may occur despite the gentle surface cleaning.
- 2. Use plenty of water!**  
A film of water forms which makes the brush glide better. Furthermore, the brush is rinsed well so that less dirt gets stuck in the bristles and scratches are prevented.
- 3. Pay attention to the cleanliness of the bristles!**  
There should be no particles in the bristles, as this can lead to scratches.

# ANGLE ADAPTER



## Modular angle adapter system: Clean hard-to-reach places

Another clever feature of the new nLITE® pole system is the modular angle system, in which you can combine four individual elements in any number of variants in order to easily reach places that are difficult to access. Whether conservatories or overhanging façade elements, this system gives you the perfect angle for every application.



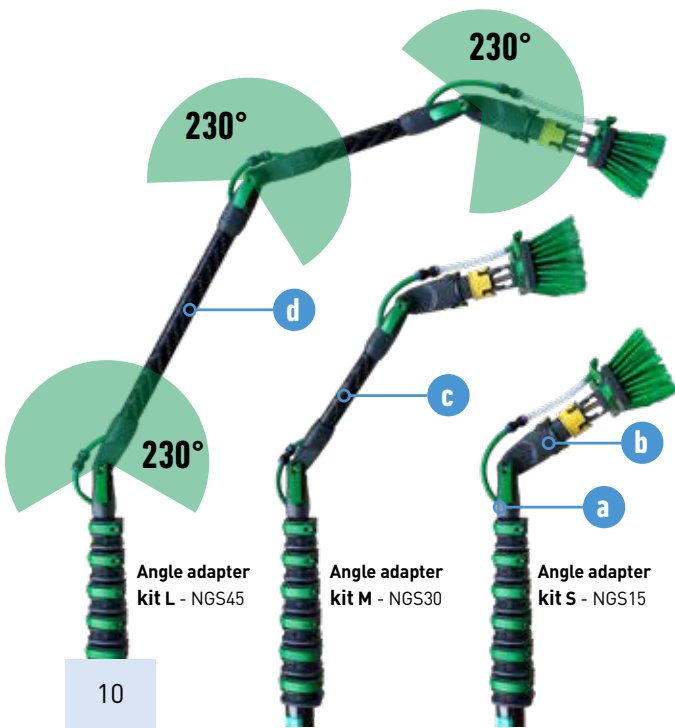
### FAST LOCK

With a single click: simple, fast, and stable connection for every work situation:

- Change brushes in seconds
- Adjust brush angle in 45° stages
- No twisting when cleaning!

### ANGLE ADAPTER KITS

Choose from three pre-configured angle adapter kits:



Simply adapt the modular angle adapter individually to your application

- a** Pole adapter
- b** Brush adapter
- c** Angle element short
- d** Angle element long

### nLITE® ANGLE ADAPTER KITS

For nLITE® CarbonComposite and Carbon 24K telescopic poles.

Part No.	Info	Length	Pack
NGS15	Angle adapter kit S	15 cm	1
NGS30	Angle adapter kit M	42 cm	1
NGS45	Angle adapter kit L	82 cm	1

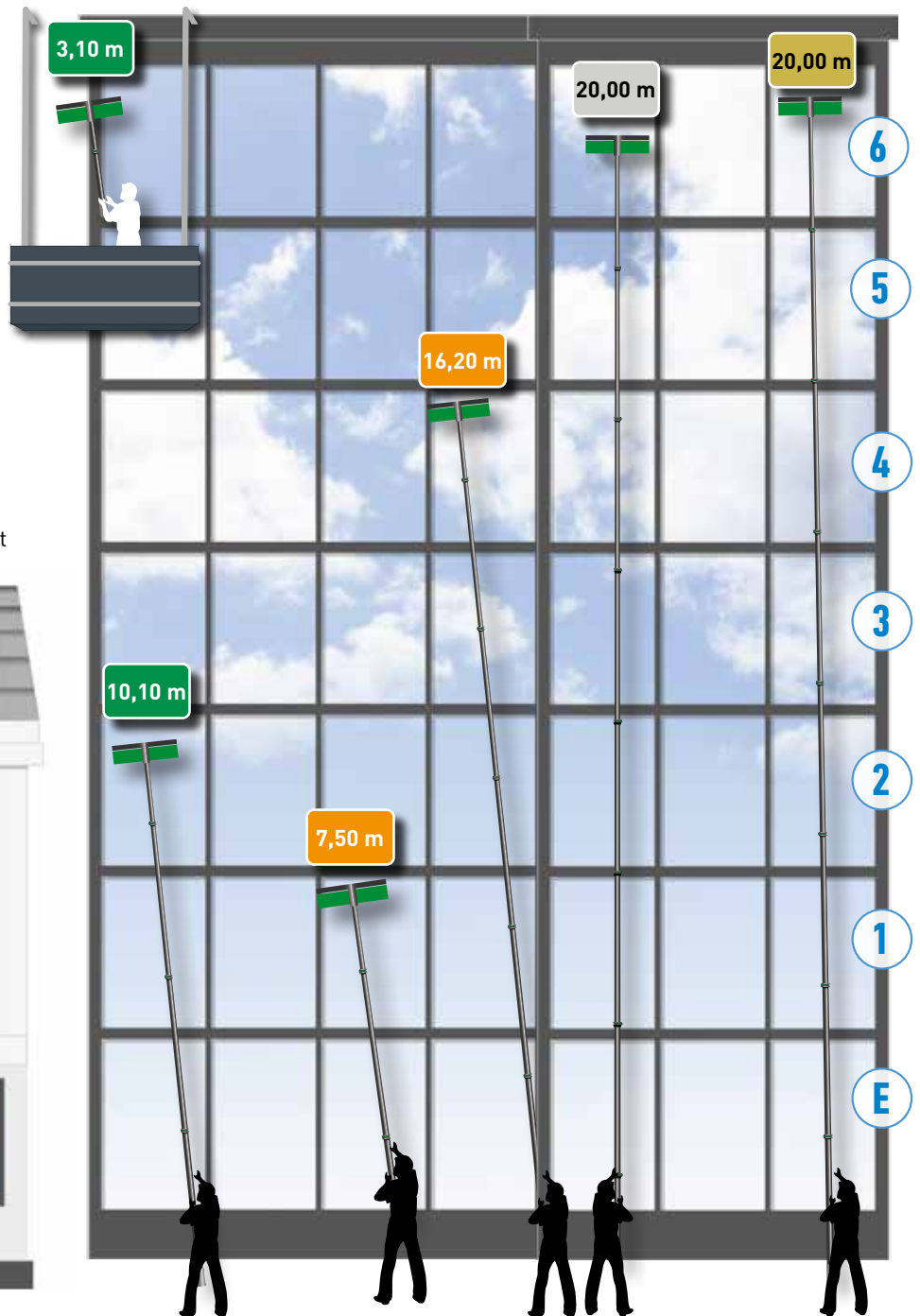
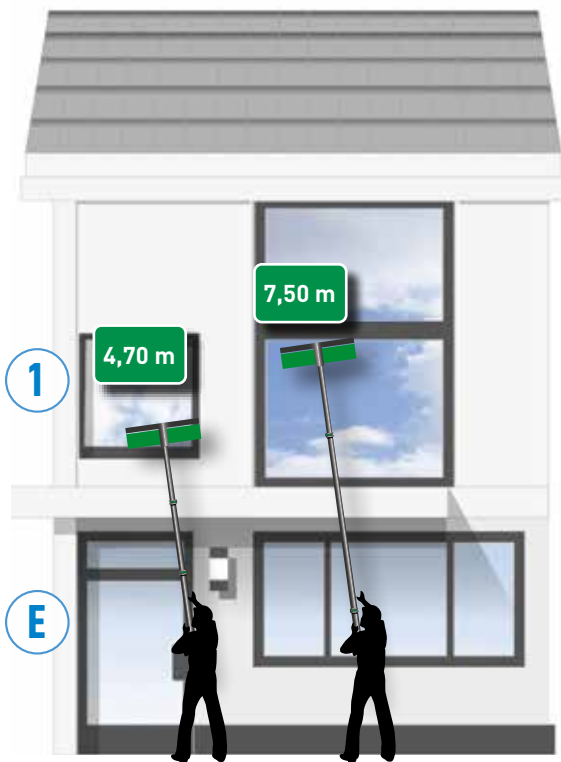
Not compatible with nLite® Connect poles.



# A WATER FED POLE SYSTEM

Unprecedented dimensions in window cleaning

4,70 m — Colour = material quality  
 — Height indication = working height



**nLITE**

**nLITE connect**

Part N°	CARBON COMPOSITE				CARBON 24K		HiMod CARBON	Ultra HiMod CARBON
	CC32T	CC60T	CC16T	CC85T	CF60T	CF86G + 2x CF33G	UC67G + 4x UC35G	UH67G + 4x UH35G
Elements	2	4	2	6	4	6 + 2 x 2	4 + 4 x 2	4 + 4 x 2
Pole length	3,20 m	6,00 m	1,60 m	8,60 m	6,00 m	14,70 m	19,50 m	19,50 m
Recommended	Ground floor	1st floor	Boom lift	2nd floor	1st floor	4th floor	6th floor	6th floor
Strength	100 GPa	100 GPa	100 GPa	100 GPa	210 GPa	210 GPa	360 GPa	760 GPa

**A WATER FED POLE SYSTEM**



**A milestone for pure water cleaning:  
The all new nLITE® waterfed pole system**

**THE ALL NEW nLITE®  
NOTHING STAYS THE SAME.**

**TOP PERFORMANCE THROUGH PROGRESS**

Innovation, high quality, and customer-oriented development have always been **UNGER**'s guiding principles. This applies once again to the new generation of the **nLITE®** telescopic pole system:

- German engineering in a timelessly stylish design
- Intelligent solution for faster, more flexible system setup
- Pioneering technologies for more effective cleaning results
- High Quality – Made in Germany

**MORE STABLE, HIGHER, MORE PRECISE, WOW!**

**UNGER** has developed its new **nLITE®** telescopic poles to take your performance to new heights.

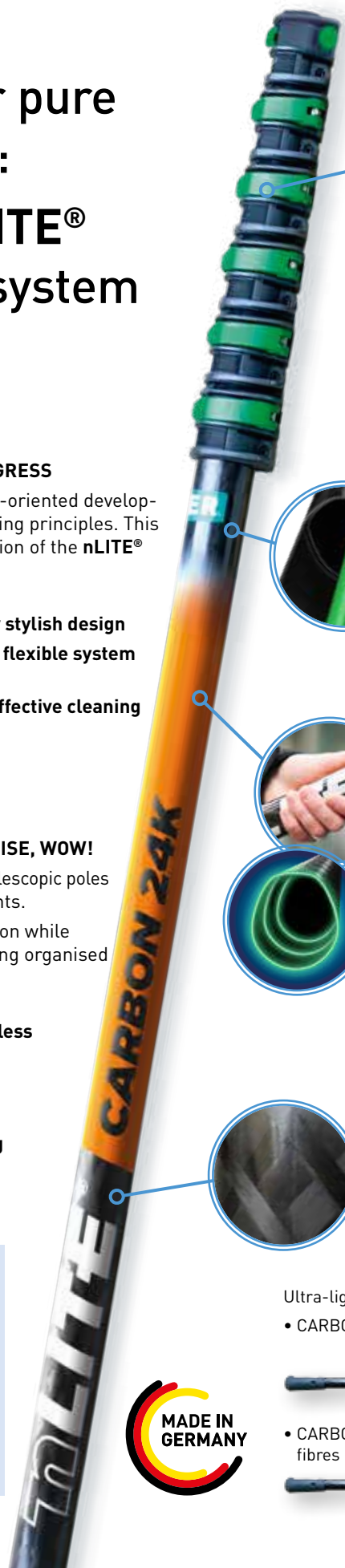
Maximising refined details and precision while minimising time and effort spent getting organised for your work.

- **No twisting:** trouble-free work and less wear and tear
- **Optimal stability-to-weight ratio**
- **Greater pole rigidity**
- **More precise control of the cleaning movement**

Discover the best and most advanced telescopic waterfed pole system today:

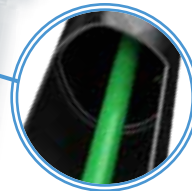


**LIGHTER, MORE PRECISE, FASTER**



**SMARTLOCK CLAMPS**

- Easy and quick to close with just one finger
- Robust 2C material
- Clamp mechanism that protects the carbon material and ensures a long service life for the pole
- Extension stop prevents pulling out pole elements too far



**INTEGRATED HOSE MANAGEMENT**

- Internal routing of the highly flexible Duro-Flex hose in the telescopic pole for trouble-free work on windows and facades
- Complete flexibility: external routing possible thanks to optional **nLITE®** clips



**PRECISIONGRIP POLE FORM**

- Innovative, unique pole shape, with contact surfaces optimally adapted to the shape of your hand.
- For ergonomic working and making best use of your strength
- More precise control of the cleaning movement and high force transmission
- Uninterrupted work due to non-twisting pole



**HIGH-END CARBON MATERIALS**

Ultra-lightweight. Extremely durable.

- **CARBON COMPOSITE:** High quality mix of carbon and glass fibres



- **CARBON 24K:** Premium carbon fibres in a unique weave of 24,000 fibres per bundle





# A WATER FED POLE SYSTEM



## Extendable carbon 24K poles:

The pole lengths offered by the all new nLITE® system have been created and optimised for your everyday work.

From now on, you can easily think of how many floors' you can clean. The telescopic main pole now measures 8,60 m, so it extends to the 2nd floor. Each extension pole offers exactly the additional length to take you up another storey (3,05 m).

For use in less high buildings or with a boom lift, we have the right solution for you with telescopic poles ranging from 1,60 m to 6,00 m in length.

UNGER guarantees the best possible premium quality in each of the material classes used and thus the perfect solution for every working height.



**a POWER BRUSH AND ANGLE ADAPTER**

Innovative modular system that makes a difference because it offers almost limitless application options.

**b TELESCOPIC MAIN POLE**

6-sections main telescopic pole. Carbon 24K can be extended with up to 2 extension poles.

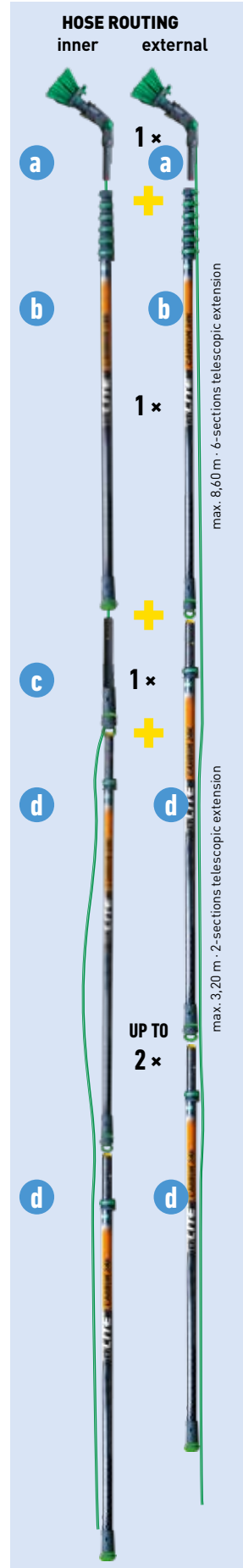


**c EXTENSION ADAPTER**  
Connects the first telescopic extension pole to the telescopic main pole with internal hose routing.



**d TELESCOPIC EXTENSION POLE**

2-sections telescopic extension pole. With Carbon 24K, up to 2 extension poles can be used.



# A WATER FED POLE SYSTEM



## CARBON 24k



### nLITE® CARBON 24K TELESCOPIC POLE

**Telescopic pole for medium heights.**

- Recommended for working heights of up to **16 m** (approx. 4 floors)
- CF60T: Telescopic pole, **not extendable**
- CF86G: Telescopic main pole 2x extendable with telescopic extension pole CF33G
- Resilience: **210 GPa\***

Part No.	Info	Extended	Collapsed	Sections	Weight	Extendable	Pack
CF60T	Telescopic pole	6,00 m	1,70 m	4	1,16 kg	--	1
CF86G	Telescopic main pole	8,60 m	1,70 m	6	1,84 kg	2x CF33G	1
CF33G	Telescopic extension pole	3,20 m	1,80 m	2	0,82 kg	1x CF33G	1



### nLITE® CARBON 24K COMPLETE POLE

**Content:**

- CF86G Telescopic main pole, 6 sections, 8,60 m
- CF33G Telescopic extension pole, 2 sections, 3,20 m
- NLHCC Extension adapter
- NGS30 Angle adapter kit M, 42 cm
- NFK28 Power brush complete, 28 cm
- DLS25 DuroFlex hose 25m Ø 5/8mm

Part No.	Length	Pack
CF12H	<b>11,90 m</b>	1

## CARBON COMPOSITE

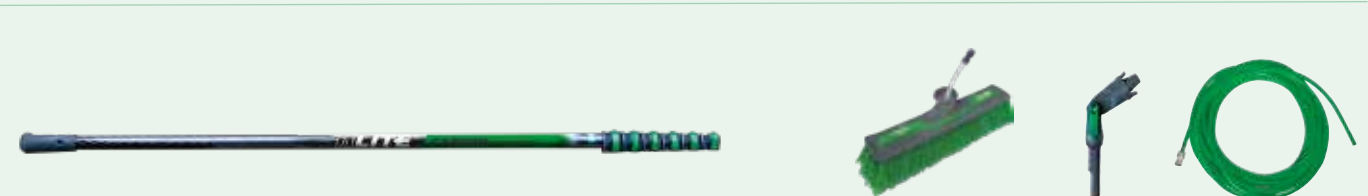


### nLITE® CARBON COMPOSITE TELESCOPIC POLE

**Telescopic pole for small to medium heights.**

- Recommended for working heights of up to **10 m** (approx. 2 floors)
- Telescopic poles, **not extendable**
- Resilience: **100 GPa\***

Part No.	Info	Extended	Collapsed	Sections	Weight	Extendable	Pack
CC16T	Telescopic pole	1,60 m	0,90 m	2	0,46 kg	--	1
CC32T	Telescopic pole	3,20 m	1,70 m	2	0,70 kg	--	1
CC60T	Telescopic pole	6,00 m	1,70 m	4	1,41 kg	--	1
CC85T	Telescopic pole	8,60 m	1,70 m	6	2,20 kg	--	1



### nLITE® CARBON COMPOSITE COMPLETE POLE

**Content:**

- CC85T Telescopic pole, 6 sections, 8,60 m
- NGS15 Angle adapter kit S, 15 cm
- NFF28 Power brush simple, 28 cm
- DLS25 DuroFlex hose 25m Ø 5/8mm

Part No.	Length	Pack
CC85H	<b>8,60 m</b>	1

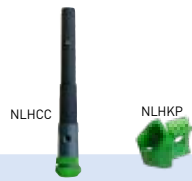
\*GPa (Gigapascal) is a unit of measure of material strength.



# A WATER FED POLE SYSTEM ACCESSORIES



Quality Tools for Smart Cleaning



## nLITE® POLE ACCESSORIES

Part No.	Info	Length / Ø	Pack
NLHCC	Extension adapter	40 cm	1
NLHKP	6 clips for outer hose routing		1 Kit



## nLITE® THREAD ADAPTER

Thread adapters for attaching brushes and tools on the new nLITE® telescopic poles

Part No.	Products	Pack
NLTHR	Euro thread adapter for brushes	1
NLCLA	Adapter for classic cleaning tools	1



## nLITE® HOSES & ACCESSORIES

Part No.	Info	Ø	Pack
DLS25	DuroFlex hose 25m	Ø 5/8 mm	1
DLH25	DuroFlex High Performance hose 25m	Ø 7/10 mm	1
NLWVI	Water flow regulator for DLS25	Ø 5/8 mm	1
22812	Water flow regulator for DLH25	Ø 7/10 mm	1



Example Content is not included.

## nLITE® TRANSPORTATION BAG

Solid nylon carrying bag\* for new nLITE® water-fed poles and brushes.

- Comfortable and easy to transport with a handle or adjustable shoulder strap
- Offers space for up to 5 poles, 2 brushes, 1 hose, 1 angle adapter, 1 extension adapter + two easy-to-reach outer pockets for accessories

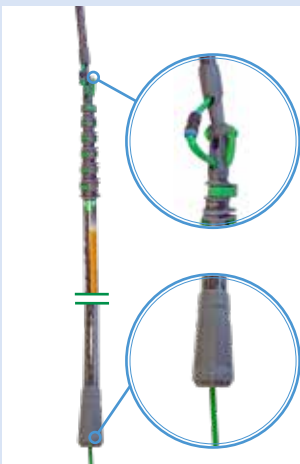
Part No.	Pack
NLBAG	1

\* not compatible with the nLite Connect system



## nLITE® HOSE ROUTING:

### Inner hose routing



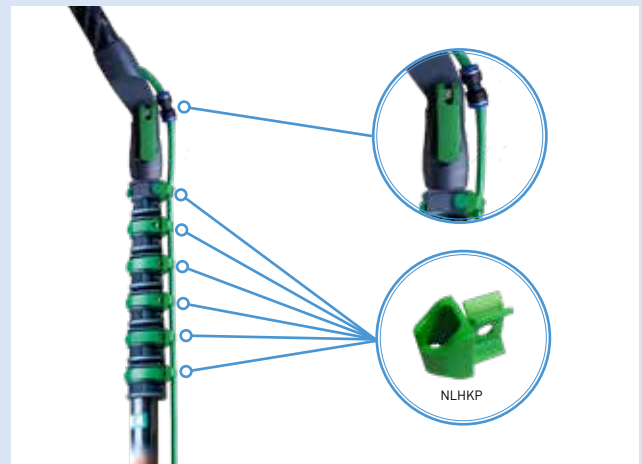
Insert the hose at the bottom of the pole, lead it out at the top, through the angle adapter and connect it there with the quick connector.

When extending the main pole



1. Insert extension adapter (NLHCC) at the end of the telescopic pole (CF86G only), hose is led out to the side.
2. Insert the extension pole (CF33G) into the NLHCC adapter. Protective cap is open for pole connection.

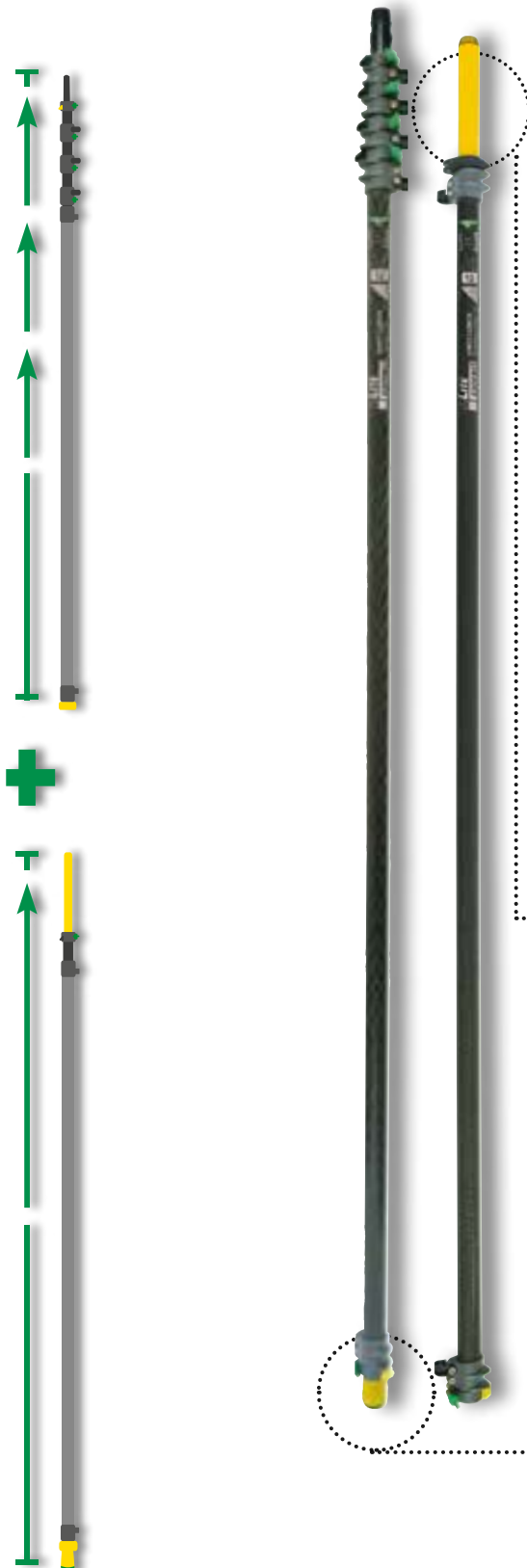
### External hose routing



Fit hose clips NLHKP into the clips of the nLITE telescopic pole. Guide the hose through the clips on the outside of the pole and connect it to the angle adapter using the quick connector on the angle adapter.

## A WATER FED POLE SYSTEM

The Master and Extension Pole System, combining telescopic and modular designs: nLite® Connect.



### FULL FLEXIBILITY

Modular construction allows you to add on or remove Extension Poles to create telescopic poles in different lengths for cleaning at various heights.

### 35 MM DIAMETER

Diameter of the nLite® Connect pole you are holding will never exceed 35 mm, irrespective of the number of Extension Poles.

### YELLOW VISUAL WARNING AREA

The top of the Extension Pole helps to avoid unintentional separation.

### DURABLE PLASTIC ENDCAP

Prevents accidental damage to the end of the pole and features a side aperture for the hose exit when used inside the pole.



# A WATER FED POLE SYSTEM

## Ultra HiMod CARBON



### nLite® Connect ULTRA HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The ultimate in rigidity, superlight pole.  
Incl. Thread Adapter and Endcap. Ultimate material strength: 760 GPa\*

Part No.	Info	Extended	Collapsed	Sections	Weight	Pack
UH67G	Telescopic main pole	6,63 m	1,87 m	4	1,5 kg	1
UH35G	Telescopic extension pole	3,41m	1,91 m	2	0,7 kg	1

## HiMod CARBON



### nLite® Connect HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The best in rigidity, superlight pole.  
Incl. Thread Adapter and Endcap. Ultimate material strength: 360 GPa\*

Part No.	Info	Extended	Collapsed	Sections	Weight	Pack
UC67G	Telescopic main pole	6,63 m	1,87 m	4	1,5 kg	1
UC35G	Telescopic extension pole	3,41m	1,91 m	2	0,7 kg	1

## Aluminum



### nLite® Connect ALUMINIUM TELESCOPIC POLE

Telescopic Master Pole. Excellent rigidity thanks to modern construction technology.  
Incl. Thread Adapter and Endcap. Ultimate material strength: 30 GPa\*

Part No.	Info	Extended	Collapsed	Sections	Weight	Pack
AN60G	Telescopic main pole	6,00 m	1,71 m	4	2,0 kg	1
AN45G	Telescopic main pole	4,50 m	1,34 m	4	1,6 kg	1
AN30G	Telescopic extension pole	3,00 m	1,69 m	2	1,1 kg	1

\*GPa (Gigapascal) is a unit of measure of material strength.

# A WATER FED POLE SYSTEM

# BRUSHES, GOOSENECKS, ACCESSORIES



## nLite® Connect ACCESSORIES



**nLite® Connect  
RADIUS BRUSH**

**Superlight water fed brush with unflagged polyester bristles.**  
 - Curved brush body, ideal for cleaning window sills and frames  
 - Variable positions for interchangeable quick release jets  
 - Plastic porous core brush body for lighter weight

Part No.	Size	Weight	Jet Pos.	Pack
NLR27	27 cm	408 g	4	1
NLR40	40 cm	579 g	8	1



**nLite® Connect  
RADIUS SOLAR BRUSH**

**Superlight water fed brush with unflagged polyester bristles.**  
 - Curved brush body, ideal for cleaning delicate surface of solar panels  
 - Variable positions for interchangeable quick release jets  
 - Plastic porous core brush body for lighter weight

Part No.	Size	Weight	Jet Pos.	Pack
NL27Y	27 cm	408 g	4	1
NL40Y	40 cm	579 g	8	1

**ATTENTION: Some surfaces are easily scratched. Always test brushes prior to use.**



**nLite® MULTILINK GOOSENECKS**

**Superlight carbon fibre goosenecks for attaching the brushes to UNGER nLite® Connect Water Fed Poles.**  
 - Use individually or combine 2 or more to achieve any angle  
 - Including nLite® Thread Adapter for attaching the brush

Part No.	Size	Weight	Material	Pack
NLG20	20 cm	130 g	Carbon	1
NLG30	30 cm	140 g	Carbon	1



**nLite® HOSE**

**Durable hose for water supply from water filter to the Brush.**  
 - Complete with standard hose connector for water supply  
 - NLH25 high performance hose for RO-filter including connector for connection kit NLHPA

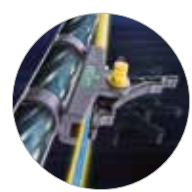
Part No.	Length	Ø Inner/Outer	Pack
NL11G	11 m	5/8 mm	1
NL20G	20 m	5/8 mm	1
NL25G	25 m	5/8 mm	1
NLH25	25 m	8/10 mm	1



**HiFlo MultiLink ADAPTER**

**Plastic angle adapter with screw adjustment.**  
 - Simple to adjust  
 - Robust  
 - Compatible with all nLite Connect & HiFlo Brushes

Part No.	Pack
FTG0S	1



**Universal Hooks & Loops Straps  
for Ø 20-70 mm poles**

**nLite® Clips for Ø 35 mm poles**

**HiFlo Control**

**The On/Off Switch for instant water flow control at the pole.**  
 - Fits onto the base sections of the pole  
 - Hose fits inside the switch, under the lever  
 - Adjust or shut off the water flow competely with one quick lever motion  
 - Fits any poles Ø 20-70mm  
 - Fits hoses external Ø 8 and 9mm

Part No.	Info	Pack
TMO0V	Complete with nLite® Clips + Hooks & Loops Straps	1

# A WATER FED POLE SYSTEM

## ACCESSORIES



Quality Tools for Smart Cleaning

### BRUSHES for nLite® Connect telescopic pole system



**nLite® Connect TOOL ADAPTER**

Plastic adapter for attaching tools on nLite® Connect poles.  
– Locking cone adapter for attaching traditional window cleaning tools

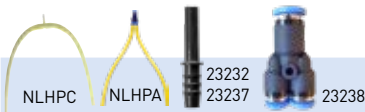
Part No.	Pack
HFNLC	1



**nLite® Connect THREAD ADAPTER**

Thread adapter for attaching brushes on the nLite® Connect pole

Part No.	Pack
FTTHR	1



**nLite® Connect BRUSH CONNECTION KIT**

Connects two jets to the brush.  
– NLHPC (5mm hose): 2 hose pieces (each app. 29 cm) + 1 T-piece  
– T-piece spare part: Part No. 14954  
– NLHPA (8mm hose): for use with NLH25 and RO40C

Part No.	Product	Pack
NLHPC	Jets connection kit 5 mm	1
NLHPA	Jets connection kit 8 mm (high performance)	1
23238	Quick connector Y-piece 8 mm > 2x 6 mm (5 pcs)	1 kit
23232	Plug nipple 6 mm (5 pcs)	1 kit
23237	Plug nipple 8 mm (5 pcs)	1 kit



**nLite® THREAD ADAPTER**

Thread adapter for attaching brushes with Euro thread (e.g. nLite® Connect and HiFlo brushes) on the new nLite® telescopic poles.

Part No.	Pack
NLTHR	1



**nLite® Connect JETS**

Interchangeable, quick release Jets for nLite® Connect Brushes.  
– Fan Jets for hydrophobic glass  
– Pencil Jets for hydrophilic glass  
– Mix and match depending on type of surface you clean

Part No.	Info	Pack
NLBGF	1 Set = 2 Jets	1 Set
NLBGP	1 Set = 2 Jets	1 Set



**nLite® Connect HOSE EXTENSION KIT**

Adapters for connection of 2 hoses into one.  
– Includes 2 x Hose End Pieces, 1 x Quick Connector  
– Insert the Hose End Pieces into each hose and connect using the Quick Connector

Part No.	Pack
NLQUI	1

**i**

5 mm hose	8 mm high performance hose
<b>2 JETS</b>	
<p>Included with brush 1 x NLBJP: 2 Pencil Jets 1 x NLHPC: Hose Kit</p>	<p>Included with brush 1 x NLBJP: 2 Pencil Jets</p> <p>Extra parts required: 1 x NLHPA: Hose Kit</p>
<b>4 JETS</b>	
<p>Extra parts required: 1 Set of jets 2 x NLHPC Hose Kit</p>	<p>Extra parts required: 1 Set of jets 2 x Hose Kit: 1 x NLHPC 1 x NLHPA</p>
<b>6 JETS</b>	
<p>Extra parts required: 2 Sets of jets 4 x NLHPC: Hose Kit</p>	<p>Extra parts required: 2 Sets of jets 4 x Hose Kit 3x NLHPC 1x NLHPA</p>

**While stocks last**



Example Content is not included.

**nLite® Connect BAG**

For storage, protection and transportation of a complete nLite® Kit.  
– Made from solid nylon material  
– Can be carried in hand or over shoulder  
– Fits 5 or more poles, 2 brushes, 1 gooseneck, 1 hose  
– Pocket for spare jets and small pieces

Part No.	Pack
NLBA1	1







## Choosing Your Filter System

There are 2 recognised methods of pure water production in the window cleaning industry – **Reverse Osmosis** and **Deionisation**.

The **UNGER** range includes filters utilising either of these methods. This page will help you to decide which method suits your cleaning requirements best and will deliver the highest return on your investment.

### HYDRO POWER® ULTRA DEIONISATION FILTER (DI)

p. 20



These filters utilise ion exchange resin which removes ionised salts and impurities from water, producing 100 % deionised pure water, with no waste water.

Though DI filters require a relatively low initial investment when compared to RO, frequent replacement of old resin with new is necessary for 100 % pure water production.

Mobile design and portability, with no need for power or pumps, our DI filters can be easily set up anywhere – all you need is a tap water supply.

#### RECOMMENDED FOR:

- Areas with soft or medium water hardness level
- Small size filters are ideal for cleaning small to moderate size areas, as well as an entry level solution for professional cleaning
- Large sizes – for frequent cleaning of large areas
- Use as final stage of water purification process, after RO membrane, to achieve 100 % pure water

### HYDRO POWER® REVERSE OSMOSIS FILTER (RO)

p. 26



The **UNGER RO** utilizes 3 stage water purification system.

First, the combi-pre-filter captures chlorine and sediments from the incoming water, then the water is directed towards 2 RO membranes which remove up to 98 % of dissolved minerals and contaminants.

At this point, the water flow is split into waste water (concentrate) that requires drainage facility and pure water which is directed to DI Polisher where any remaining impurities are filtered by ion exchange resin to produce 100 % pure water.

#### RECOMMENDED FOR:

- Areas with hard or very hard water level
- Constant, high volume pure water production

# HYDRO POWER® ULTRA FILTER

## THE HYDRO POWER® ULTRA SYSTEM

### The Most Efficient DI Pure Water System Ever! Performance at the highest level:

The **UNGER HydroPower®** Ultra is setting a new standard in deionising filter technology for pure water cleaning. A definite value-add for every professional glass and building cleaner.

### Over 30 %\* More Pure Water Per Resin Filling

- Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**
- The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**
- Intuitive colour coded system + KeyLock function eliminates risk of operating errors

### Ultra Resin Packs



**Premium Ultra Resin**  
Perfected ion exchange resin, as required for cleaning glass



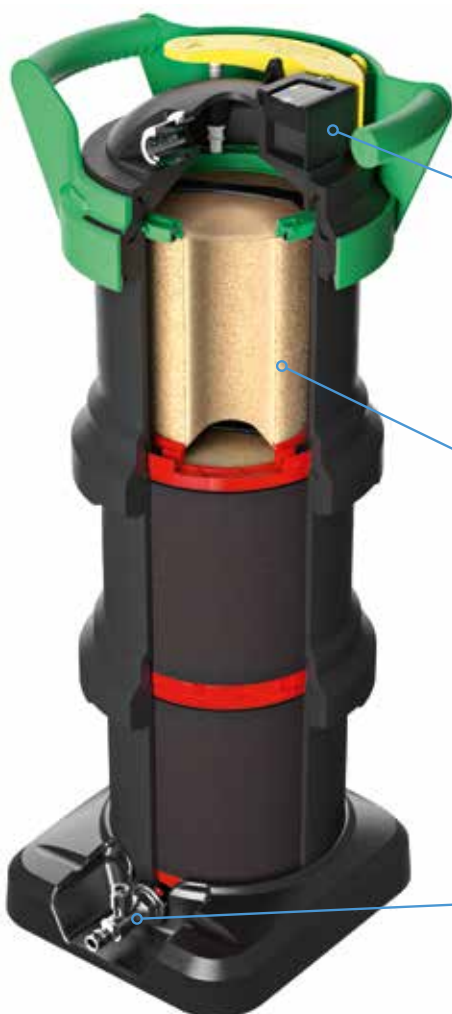
### TDS-METER



### ULTRA RESIN PACKS



### WATER CONNECTIONS



\*In comparison with standard DI systems (e.g. **UNGER HydroPower®** DI filters). Source: test results from the independent testing laboratory Miontec GmbH, 2019.



## SIMPLE AND EFFECTIVE HANDLING



### TDS-Meter

- Integrated digital measuring device displays the water hardness of the pure water coming out in ppm
- At a TDS value >10ppm the Ultra Resin Packs have to be changed



### Easily removable cover

- Quick and easy changeover
- Ultra resin packs can be changed as easily as a coffee pad in a coffee machine



### FastLock quick-fit fastener

- Easy to open and close the tank
- Safe, self-locking mechanism with pressure-relief valve



### High-quality metal connections

- Stable quick-fit metal hose connector
- Reliable quick release connectors, suitable for most hoseslock type fittings commonly used on most water fed poles
- Practical shut-off valve prevents leakage during transport

Choose from 2 filter sizes depending on the volume of pure water required and frequency of use to maximise your return on investment. All 3 versions are supplied complete with **Ultra Resin Packs** and integrated **TDS meter** to monitor the outgoing water hardness.



DIUH1  
HydroPower® Ultra S

DIUH2  
HydroPower® Ultra L

DIUH3  
HydroPower® Ultra LC

## FILTER OUTPUT

In particular the water hardness and the hydrogen carbonate content of the input water have a strong influence on the amount of pure water. The following values correspond to the output of **UNGER HydroPower® Ultra** with *average tap water*:

HydroPower Ultra S (DIUH1)	
Factor	Value
Resin fill	1 × 6 l
Pure water quantity per resin filling	710 l
Working hours*	approx. 6 h
Coverage in m <sup>2</sup> **	approx. 600 m <sup>2</sup>

HydroPower Ultra L (DIUH2)	
Factor	Value
Resin fill	3 × 6 l
Pure water quantity per resin filling	2.450 l
Working hours*	approx. 20 h
Coverage in m <sup>2</sup> **	approx. 2.000 m <sup>2</sup>

HydroPower Ultra LC (DIUH3)	
Factor	Value
Resin fill	3 × 6 l
Pure water quantity per resin filling	2.450 l
Working hours*	approx. 20 h
Coverage in m <sup>2</sup> **	approx. 2.000 m <sup>2</sup>

The pure water quantities (TDS < 10 ppm) were determined by an independent test laboratory at a water flow rate of 180 l/h and under the following conditions for the input water:

TDS: 275 ppm

Sum of cations and anions: 5,5 meq/l

Hydrogen carbonate content of anions: 60%.

With *soft water* (<100 ppm) the pure water output can increase **more than 3 times**. With very hard water (>400 ppm), depending on the hydrogen carbonate content and ion concentration, the output can **decrease by more than half**.

\* at a water flow rate of 120 l/h

\*\* with an area output of 100 m<sup>2</sup>/h

### HydroPower® Ultra FILTER

Part No.	Base	Height	Resin Packs	Cart
DIUH1	30 × 31 cm	35 cm	1 (6 l)	-
DIUH2	30 × 31 cm	77 cm	3 (18 l)	-
DIUH3	30 × 31 cm	107 cm	3 (18 l)	✓

## B PURE WATER FILTERS

# HYDRO POWER® ULTRA KITS

### STARTER KIT ALU



#### HydroPower® Ultra S + nLite® Connect ALU

##### Content:

DIUH1 HydroPower® Ultra Filter S  
AN60G nLite® Connect Alu Master pole 6 m  
NFA28 nLite® Power Brush 28 cm spliced, incl. quick connectors & FTG05 Angle Adapter  
NL20G nLite® Hose 20 m  
TMOOV HiFlo Control

Length  
**6,00 m**

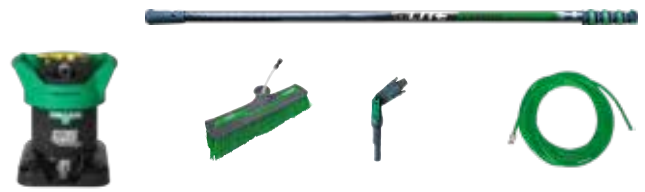
##### Part No.

##### Pack

DIUK1

1

### STARTER KIT CARBON



#### HydroPower® Ultra S + nLITE® CARBON COMPOSITE

##### Contents:

DIUH1 HydroPower® Ultra Filter S  
CC60T nLITE® CarbonComposite 6,00 m  
NGS15 nLITE® Angle adapter kit S, 15 cm  
NFF28 nLITE® Power Brush, spliced, 28 cm  
DLS25 DuroFlex hose, 25 m

Length  
**6,00 m**

##### Part No.

##### Pack

DINK1

1

### EXPERT KIT L



#### HydroPower® Ultra L + nLITE® CARBON 24K

##### Contents:

DIUH2 HydroPower® Ultra Filter L  
CF86G nLITE® Carbon 24K 8,60 m  
NGS30 nLITE® Angle adapter kit M, 42 cm  
NFK28 nLITE® Power Brush, spliced, 28 cm  
DLS25 DuroFlex hose, 25 m

Length  
**8,60 m**

##### Part No.

##### Version

##### Pack

DINK2

without cart

1

### EXPERT KIT LC



#### HydroPower® Ultra LC + nLITE® CARBON 24K

##### Contents:

DIUH3 HydroPower® Ultra Filter LC  
CF86G nLITE® Carbon 24K 8,60 m  
NGS30 nLITE® Angle adapter kit M, 42 cm  
NFK28 nLITE® Power Brush, spliced, 28 cm  
DLS25 DuroFlex hose, 25 m

Length  
**8,60 m**

##### Part No.

##### Version

##### Pack

DINK3

with cart

1

HydroPower® Ultra KITS	STARTER KIT ALU	STARTER KIT CARBON	EXPERT KIT L	EXPERT KIT LC
Part No.	DIUK1	DINK1	DINK2	DINK3
HydroPower® Ultra Filter	S	S	L	LC
nLITE® telescopic pole	Aluminium 6 m	Carbon Composite 6 m	Carbon 24K 8,60 m	Carbon 24K 8,60 m
Angle adapter	MultiLink	S	M	M
Brush	Power 28 cm, flagged	Power 28 cm, flagged	Power complete 28 cm, flagged	Power complete 28 cm, flagged
Hose	20 m	DuroFlex 25 m	DuroFlex 25 m	DuroFlex 25 m

# B PURE WATER FILTERS

## ION EXCHANGE RESIN

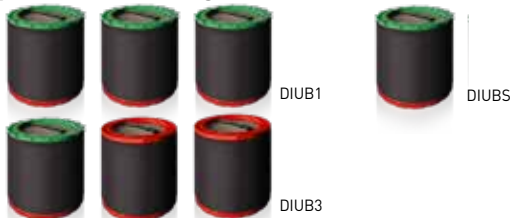


Quality Tools for Smart Cleaning



### Ultra RESIN PACKS FOR HYDRO POWER® ULTRA FILTER

Over 30 %\* more pure water per resin filling



Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**

The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**

#### Ultra RESIN PACKS

Part No.	Info	Pack
DIUB1	3 x Ultra Resin Packs (18 l) for DIUH1, DIUK1	1
DIUB5	1 x Ultra Resin Pack (6 l) for DIUH1, DIUK1	1
DIUB3	Kit with 3 Ultra Resin Packs (18 l) for DIUH2, DIUH3	1



### QuickChange RESIN BAGS FOR HYDRO POWER® DI FILTER

High comfort



The **QuickChange** Resin Bags allow users to speed up the resin change process - simply remove the bag with expired resin and insert a new one.

The **QuickChange** Resin Bags offer fast and easy resin replacement on the spot with minimal mess - anytime and anywhere!

#### QuickChange RESIN BAGS 6 L

Part No.	Info	Pack
DIB64	4 bags (24 l) in air tight bucket	1
DIB84	4 bags (24 l) in air tight bag	1



### PREMIUM GRADE VIRGIN MIXED BED RESIN

High capacity virgin mixed bed ion exchange resin for total de-ionisation and purification of water. Immediately produces 100% pure water for streak free glass cleaning.

Consisting of a mixture of a gel, type I strong basic anion exchanger, and a gel, strong acid-cation resin, for the direct demineralization of water. 40 % cation, 60 % anion, pH range 0-14.

Suitable for use in:

- Refillable DI cartridges
- DI pressure vessels
- Filters for Pure Water Window Cleaning



#### PREMIUM GRADE VIRGIN MIXED BED RESIN

Part No.	Product	Pack
DIP25	Bucket 25 l	1
DIB25	Bag 25 l	1

#### i RESIN CHANGE

The conductivity measurement is used to monitor water quality. If a conductivity measurement (integrated TDS-metre) indicates a value of > 10 ppm, the resin must be replaced.

\*In comparison with standard DI systems (e.g. **UNGER HydroPower®** DI filters).Source: test results from the independent testing laboratory Miontec GmbH, 2019.



## B PURE WATER FILTERS

# HYDRO POWER® RO S



### REVERSE OSMOSIS FILTER (RO)

## HydroPower® RO S Pure water for everyone!

With the entry-level model **HydroPower RO S**, cleaning can be carried out with pure water with minimum operating costs - especially in areas with hard water. Due to its compact and robust design, the new **HydroPower RO S** system is easy to transport.

The proven RO technology from **UNGER** is based on a 3-stage filtering process for 100 % pure water, whereby the required water pressure is generated with a high-quality stainless steel pump.

#### BOOST FUNCTION

- Pure water mode: pure water for streak-free cleaning of windows and facades
- Boost mode: tap water at 8-10 bar for pre-rinsing heavily soiled surfaces

#### SIMPLE AND SAFE OPERATION

- TDS measuring device shows the quality of the source water at the push of a button
- Manual flushing of the RO membrane for an extended service life
- Automatic shutdown function to protect the pump if the water supply fails

#### QUICK MAINTENANCE.

- The pre-filter and DI filter are easy to replace and can be visually inspected during work
- Removable back cover for easy access to all electrical components

#### POWERFUL QUALITY PUMP

- Centrifugal pump made of stainless steel for constant and high water flow
- Trouble-free operation even after a long time

#### RO COMPLETE KIT



#### HydroPower® RO S + nLITE® CARBON 24K

##### Contents:

RO20C HydroPower RO S  
CF86G nLITE® Carbon 24K Main pole, 6-part, 8,60m  
CF33G nLITE® Carbon 24K Extension pole, 2-part, 3,20m  
NLHCC nLITE® Extension adapter  
NGS30 nLITE® Angle adapter kit M, 42 cm  
NFK41 nLITE® Power Brush, spliced, 42 cm  
DLH25 DuroFlex High Performance Hose, 25 m, Ø 7/10mm

Length  
11,90 m

Part No.

Pack

RONK1

1

#### HydroPower® RO S

Part No.

Pack

RO20C

1



# HYDRO POWER® RO M



Quality Tools for Smart Cleaning

REVERSE OSMOSIS FILTER (RO)

## HydroPower® RO M

### The pure power of pure water

#### MODERN DESIGN AND HIGH PERFORMANCE

When it comes to developing new solutions for safe and efficient cleaning, **UNGER** always impresses with innovative product ideas. Discover the pure power of pure water with the **HydroPower® RO M**.

The compact and mobile filter system impresses with its outstanding performance features and ease of use – a real added value for professional window cleaners.

#### 100% PURE WATER

The **HydroPower® RO M** demineralises water in a 3-stage process. The combination pre-filter removes fine particles and chlorine. The high-performance double membrane filters out up to 98 % of the minerals. In the third stage, the remaining minerals are bound by an ion exchange resin.

#### TDS METER

- shows the performance level of the membrane and resin filter

#### DOUBLE MEMBRANE

- very high water production, approx. 350 l/hour\*

#### COMBINATION PRE-FILTER FINE PARTICLES/CHLORINE

- to protect both membranes

#### DOWNSTREAM RESIN FILTER

- 100 % pure water production

#### 2 METAL WATER OUTLETS

- for 2 users at the same time

#### HIGH PERFORMANCE PUMP

- constant and high water flow



#### HydroPower® RO M

Part No.	Pack
RO35C	1

\*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.



#### 3 REASONS FOR HYDRO POWER® RO M

- 1 HIGH PERFORMANCE
- 2 COMPACT, ROBUST DESIGN
- 3 SIMPLE OPERATION & MAINTENANCE



## B PURE WATER FILTERS

# HYDRO POWER® RO L

**HYDRO  
POWER®**  
SYSTEM L



MADE IN  
GERMANY

### FIVE SMART REASONS FOR HYDRO POWER® RO L

This handful of cutting-edge features can make a huge difference to anyone who cleans with pure water.

- 1 Maximum performance\***  
With pure water output of up to 400 litres per hour, the **HydroPower® RO** is designed to be used by 1, 2 or 3 operators simultaneously.
- 2 Innovative RO SMARTGUARD Monitoring System**  
Our intelligent assistant technology eliminates guesswork from managing your filter performance and maintenance.
- 3 Self-maintenance technology**  
Automatic flush function before and after every use helps to prevent scaling and pollution of the RO membrane, prolonging its lifetime and reducing running costs.
- 4 Compact and robust design**  
With its smart, contemporary look and high quality workmanship, the **HydroPower® RO** is built to last. Made in Germany.
- 5 Ultra fast & easy care**  
User-friendly FastLock opening mechanism speeds up replacement of filter cartridges by up to 30 times.

\*at 18 °C water temperature, 4 bar water pressure, unrestricted by external hose

### REVERSE OSMOSIS FILTER (RO)

## HydroPower® RO L

### The next generation in pure water technology

### Smart assistance meets easy maintenance

The **HydroPower® RO L** unites advanced intelligent technology, automation and user-friendly features, so you can concentrate what matters – doing a great job!

While you work, our unique electronic assistant, **RO SMARTGUARD** will keep watch over filter's performance and let you know if anything needs urgent attention or service.

The filter components can be changed quickly and easily - without tools.

#### RO SMARTGUARD

- watches over filter's performance

#### DOUBLE MEMBRANE

- very high water output, up to 400 l/hour\*

#### COMBI PRE-FILTER SEDIMENT & CHLORINE

- to protect both membranes

#### RESIN FILTER FOR POLISHING (4,5l)

- 100 % pure water production

#### 3 METAL CONNECTORS

- for 3 operators to work simultaneously

#### HIGH POWER PUMP

- supports the high water flow



CE certified

### HydroPower® RO L

Part No.	Product	Pack
R040C	Mobile RO-Filter	1



**REVERSE OSMOSIS FILTER (RO)**

## HiFlo RO Glass facades

### The high performance RO-filter for real professionals

- Perfect for cleaning **large glass facades** - more water for cleaning and rinsing on the surface
- Downstream resin filter – 100 % pure water production
- Suitable for two workers without loss of capacity, or for one worker with increased water output
- Ideal for tank filling
- Automatic pump control with dry run protection
- Incl. TDS meter for checking the water and resin quality

**DOUBLE MEMBRANE**

- extended water output, approx. 700 l/hour\*

**RESIN FILTER FOR POLISHING (4,5l)**

- 100 % pure water production

**COMBI PRE-FILTER SEDIMENT & CHLORINE**

- to protect both membranes

**PURE WATER FLOW METRE**

- Displays the produced amount of pure water

**EXTRA HIGH POWER PUMP**

- supports the high water flow



**HiFlo RO GLASS FACADES**

Part No.	Pack
RO60C	1

\*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.



# HIFLO RO SOLAR



## REVERSE OSMOSIS FILTER (RO)

### HiFlo RO Solar Reverse osmosis filter with high pure water production for large areas

- Perfect for cleaning of **solar panels** – more water on the panel, better rinsing and cleaning
- Ideal for two workers with no loss of water capacity or one worker with increased performance
- Ideal for tank filling
- Carbon filter lasts app. 200.000 l at 2 ppm chlorine
- Built in TDS meter monitors water quality
- Automatic pump control with dry run protection for added safety
- High quality, corrosion-resistant stainless steel frame

#### DOUBLE MEMBRANE

- extended water output, approx. 750l/hour

#### LARGE CARBON PRE-FILTER

- to save membranes from chlorine

#### LARGE SEDIMENT PRE-FILTER

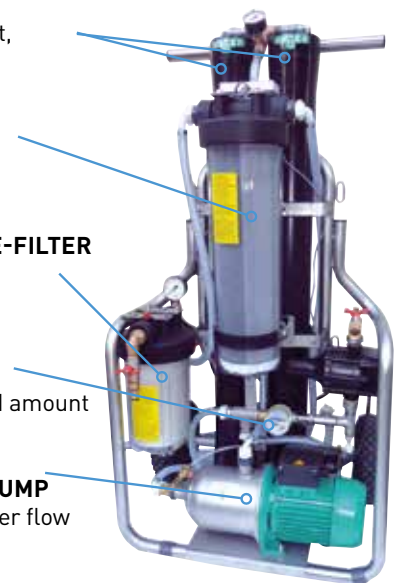
- to protect both membranes

#### PURE WATER FLOW METRE

- Displays the produced amount of pure water

#### EXTRA HIGH POWER PUMP

- supports the high water flow



**CE** certified

#### HiFlo RO SOLAR

Part No.	Pack
RO60S	1

\*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.



## THE HYDRO POWER® RO XXL SYSTEM

- Fully integrated trailer system with reverse osmosis filter and 650 l water tank
- Total flexibility for producing and transporting 100 % pure water for water fed pole cleaning!
- The ONLY real alternative to commercial van mounted systems



### MOBILITY:



Suitable for vehicles with towing capacity of at least 500 kg. High capacity baffled tank integrated into lightweight chassis for easy towing. DOT road specification, single axle, integrated lights and indicators with brake assist. Supplied with European standard coupling, jockey wheel and manual parking brake. Conforms to EU regulations.

### SAFETY:



The multi-chamber tank design with low centre of gravity is designed to maximise stability during transportation. Also includes Auto Shut Off features, activated during water production mode when the tank becomes full and during use when the TDS of the outgoing water measures 5 ppm (can be changed to lower or higher number).

### FLEXIBILITY:



The flow rates for Wash and Rinse modes can be adjusted anytime at the digital control panel. This allows the operator(s) to choose more or less powerful flow rates to suit the cleaning job, saving and conserving water when less intense water flow is needed. You can also switch between Wash and Rinse modes at the touch of a button using the wireless remote control.

### PROTECTION:



Optional protection cover for the hose reels. Robust truck tarpaulin that can be fixed on the new fixing point at the trailer frame.

- Automatic flush function helps to prevent scaling and pollution of the RO membrane and prolong its lifetime.
- Maximum tank capacity: 650 l pure water
- 1 or 2 man operation via 2 stainless steel hose reels and 2 x 12 V (10 bar, 150 psi) pumps
- 2 high quality 100 m hoses for optimal reach
- Pure water output – up to 125 l per hour per person
- Digital controller monitors water flow, pressure and battery power
- Control water flow manually or by wireless remote control (max. reach 100 m in open area)
- 3 stage water purification production with dedicated 12 V (10 bar, 150 psi) pump. (Carbon Pre-filter, RO Membrane and HydroPower® DI Filter Polisher)
- Integrated TDS meter
- High capacity 12 Volt AGM battery offers 'all day' operation before requiring recharge
- Maintenance free 210 amp hour AGM battery with mains charger supplied
- Optional: Protection cover available for hose reels.

### AUTOMATIC FLUSH FUNCTION

- Extended lifespan of the membrane: An automatic 5 minute rinse at the start of the water filtration process flushes out impurities and helps to keep the membrane clean which significantly extends its service life.
- Reduced DI resin consumption: Optimised membrane performance results in higher purity of the water passing through the DI filter and therefore extends resin lifetime.
- Simplified membrane care: The conservation liquid is rinsed out from the membrane automatically, saving time and effort it would take you to do this manually.

### HydroPower® RO XXL TRAILER

Part No.

TRLR1

18845 (Protection Cover)

# REVERSE OSMOSIS FILTER



	<b>HydroPower® RO S</b> (RO20C)	<b>HydroPower® RO M</b> (RO35C)	<b>HydroPower® RO L</b> (RO40C)	<b>HiFlo RO Glass facades</b> (RO60C)	<b>HiFlo RO Solar</b> (RO60S)	<b>HydroPower® RO XXL</b> (TRLR1)
<b>Main features</b>	• Compact design	• High performance • Easy operation	• Maximum performance • Digital assistance system • Automatic maintenance function	• High performance RO filter • High pure water production for large glass surfaces	• High performance RO filter • High pure water production for PV & solar systems	• Trailer system for production and transport of pure water • 650 l pure water tank
Water output power* up to	180 l/h Boost mode: 1,000 l/h	350 l/h	400 l/h	700 l/h	750 l/h	2 x 125 l/h
Water outlets	1	2	3	1	1	2
Pump performance	0,97 kW	0,97 kW	0,9 kW	1,1 kW	1,1 kW	3 x 0,1 kW
Protection class electric pump	IP54	IP54	IP54	IP54	IP54	IP54
Inlet pressure [bar]	1 – 6	1 – 6	1 – 6	1 – 6	1 – 6	1 – 6
Max. operating pressure [bar]	10	10	10	10	10	10
Pump dry run protection	✓	✓	✓	✓	✓	✓
Pure water flow meter	analogue	analogue	digital	analogue	analogue	-
Pre-filter	Combination filter Chlorine/Sediments (ROCA2)	Combination filter Chlorine/Sediments (ROCAR)	Combination filter Chlorine/Sediments (ROCAR)	Combination filter Chlorine/Sediments (17509)	1: Sediment filter (17521) 2: Chlorine filter (17919)	Chlorine filter (19080)
Membranes	1 (ROME2)	2 (ROMEM)	2 (ROMEM)	2 (17189)	2 (17189)	1 (19076)
Resin filter	Cartridge 0,55 l (RORE2)	Cartridge 4,5 l (RORES)	Cartridge 4,5 l (RORES)	Cartridge large 4,5 l (17201)	-	Resin bag 6 l (DIB64/DIB84)
TDS Sensors	at the water outlet	after membranes at the water outlet	after pre-filter after membranes at the water outlet	after membranes at the water outlet	after chlorine filter at the water outlet	at the water outlet
Dimensions in cm (Height x Width x Depth)	96 x 53 x 67	107 x 53 x 70	107 x 53 x 70	123 x 75 x 51	123 x 75 x 51	175 x 160 x 350
Empty weight in kg	45	75	75	83	83	740
Weight including filling	50	80	80	89	89	1.390
Cable length in m	1,5	1,5	1,5	1,5	1,5	1.6 (charger)
Battery power	-	-	-	-	-	12 V – 210 Ah

\*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.

**i The amount of produced pure water per hour depends on several factors:**

1. Water Temperature - the warmer the water, as more pure water can be produced.
2. Hose diameter - the bigger the hose diameter, the higher the waterflow is.
3. Hose length - the longer the hose, the less the waterflow is.

## ACCESSORIES



**TDS-METER**

**Handheld Total Dissolved Solids (TDS) meter for measuring water hardness.**  
 - Measures water hardness instantly in ppm (parts per million).  
 - Battery powered  
 - Includes protective leather pouch

Part No.	Pack
ROTDS	1



**SOAP DISPENSER**

**For adding cleaning liquid to pure water flow, after passing through the filter unit.**  
 - Perfect to lifting stubborn dirt and greasy residue from heavily soiled surfaces  
 - Simple connection to standard garden hose  
 - Easy to refill and adjust concentration

Part No.	Pack
HCDEU	1



# Professional tools for classic glass cleaning

All **UNGER** products are expertly designed to meet the high demands of the Professional Window Cleaning Industry.

Innovation and ergonomics are always at the forefront of our research and product development to enable professionals to work faster, more efficiently and above all safely.

Today our range includes wide selection of traditional handheld tools and accessories, built to last and withstand continuous use, day after day.

Most of our tools can be fitted to **UNGER** telescopic pole, allowing you to clean at heights of up to 10 m safely from the ground.

Look out for the **ErgoTec®** Locking Cone symbol, identifying products that can be locked securely on the pole with a quick-release button preventing falling off or spinning.

**SQUEEGEES** p. 34



**WASHERS** p. 39



**SCRAPERS** p. 43



**TELESCOPIC POLES** p. 48



**ACCESSORIES** p. 53



# TRADITIONAL WINDOW CLEANING SQUEEGEES

## ERGOtec® NINJA



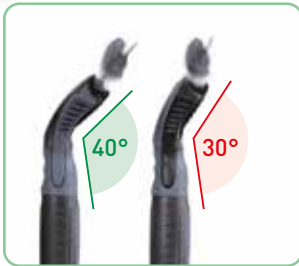
### ErgoTec® NINJA WINDOW SQUEEGEE



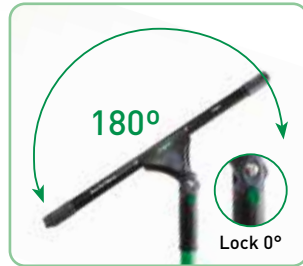
Complete with NINJA Channel and professional soft rubber.

- Ergonomic handle with 180° swivel
- Handle with TriLoc mechanism for secure hold of the channel
- Extruded Aircraft Aluminum T6 Channel: will not bend or break
- Fits securely to pole with Locking Cone

Part No.	Angle	Size	Rubber	Pack
EN300	40°	30 cm	Soft	5
EN350	40°	35 cm	Soft	5
EN450	40°	45 cm	Soft	5
E3300	30°	30 cm	Soft	5
E3350	30°	35 cm	Soft	5
E3450	30°	45 cm	Soft	5



Choose between 40° and 30° head angle versions



The center position can be locked by pressing the lock button



Locking Mechanism to secure the swivel head in center position



New and improved end clip mechanism



### ErgoTec® NINJA SQUEEGEE CHANNEL



Complete with soft rubber and SmartClip end clips.

- Extruded Aircraft Aluminum T6 Channel: will not bend or break
- Perfect pressure distribution
- Fast and easy rubber change

Part No.	Size	Rubber	Pack
AC200	20 cm	Soft	5
AC250	25 cm	Soft	5
AC300	30 cm	Soft	5
AC350	35 cm	Soft	5
AC450	45 cm	Soft	5
AC550	55 cm	Soft	5
AC650	65 cm	Soft	5
AC750	75 cm	Soft	5
AC920	92 cm	Soft	5
AC105	105 cm	Soft	5



### ErgoTec® NINJA HANDLE



- Ergonomic swivel handle with 180° swivel
- TriLoc mechanism for secure hold of the channel
- Fits securely to pole with Locking Cone

Part No.	Angle	Pack
EN000	40°	5
E3000	30°	5

## i RUBBER INFO

**SOFT**



- Shore hardness: 52 ± 3
- Ideal for colder temperatures
- Adjusts better to uneven surfaces

**HARD**



- Shore hardness: 60 ± 3
- Ideal for warmer temperatures
- Ideal for large, smooth surfaces

# ERGOTEC®



73g


 ES35G  
ES45G


0°

30°



## ErgoTec® CARBON HANDLE



### The lightest professional squeegee handle.

- 18 % lighter than bicomponent ErgoTec® squeegee handle
- Made of premium carbon fibre: T700, 7 layers; S-Spring: High value stainless steel 1.4310
- Anti-slip coating for reliable grip
- Compatible with S-Channel and S-Channel Plus
- Fits securely to pole with Locking Cone

Part No.	Pack
UCH00	1

## ErgoTec® SQUEEGEE



### Stainless steel squeegee with bi-component handle.

- Handle with optimised S-spring for quick and simple channel change
- Fits securely to pole with Locking Cone
- Compatible with S-Channel and S-Channel Plus
- **NEW:** Including green rubber with outstanding sliding ability (ES35G, ES45G)

Part No.	Size	Rubber	Pack
ES35G	35 cm	Green ●	10
ES45G	45 cm	Green ●	10
ES250	25 cm	Soft	10
ES350	35 cm	Soft	10
ES450	45 cm	Soft	10
ES550	55 cm	Soft	10
ES25H	25 cm	Hard	10
ES35H	35 cm	Hard	10
ES45H	45 cm	Hard	10
ES55H	55 cm	Hard	10
ETG00		Handle	10
ETX00	+2,5 cm	Handle XL	10

## ErgoTec® SWIVEL LOC HANDLE



### Swivel squeegee head, freely adjustable and lockable.

#### Problem solver for hard-to-reach places.

- Advanced ergonomic bi-component handle for comfortable use
- Available in two head angles: 0° and 30°
- Compatible with S-Channel and S-Channel Plus
- Fits securely to pole with Locking Cone

Part No.	Version	Pack
LS000	0°	5
LA000	30°	5

## S SQUEEGEE



### Stainless steel squeegee with rubber coated handle.

- Solid handle design
- Quick and simple channel change with S-Spring
- Fits on telescopic pole
- Compatible with S-Channel and S-Channel Plus

Part No.	Size	Rubber	Pack
SE250	25 cm	Soft	10
SE350	35 cm	Soft	10
SE450	45 cm	Soft	10
SE25H	25 cm	Hard	10
SE35H	35 cm	Hard	10
SE45H	45 cm	Hard	10
SG000		Handle	10

## Pro SQUEEGEE



### Stainless steel squeegee with rubber coated handle.

- Solid handle design
- Quick release clip for fast and easy channel change
- Fits on telescopic pole
- Compatible with S-Channel and S-Channel Plus

Part No.	Size	Rubber	Pack
PR250	25 cm	Soft	10
PR350	35 cm	Soft	10
PR450	45 cm	Soft	10
PR000		Handle	10

## VisaVersa®



### Squeegee and washer in one tool. Complete with S-Channel, Original Sleeve and professional soft rubber.

- Time saving performance without changing tool
- Fits securely to pole with Locking Cone
- Compatible with S-Channel and S-Channel Plus

Part No.	Size	Rubber	Material	Pack
VP250	25 cm	Soft	Blended fabric*	10
VP350	35 cm	Soft	Blended fabric*	10
VP450	45 cm	Soft	Blended fabric*	10

\* Support material: 100 % polyethylene; Fibres: 100 % polyacrylic

# TRADITIONAL WINDOW CLEANING SQUEEGEES & CHANNELS



## GC BRASS SQUEEGEE



- Classic style brass handle.**  
**Brass channels, complete with soft rubber and plastic clips.**
- Sturdy and durable
  - Firm channel fit with screws
  - Fits on telescopic pole

Part No.	Size	Info	Pack
GS000		Brass Handle	10
GC350	35 cm	Brass Channel	10
GC450	45 cm	Brass Channel	10



## UniTec SQUEEGEE



- Convenient metal squeegee, good value.**
- Sturdy
  - Firm channel fit with screws
  - Fits on telescopic pole

Part No.	Size	Info	Pack
OW250	25 cm	Complete	10
OW350	35 cm	Complete	10
OW450	45 cm	Complete	10
OG000		Handle	10



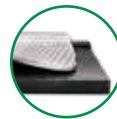
## UniTec SQUEEGEE LIGHT



- Extra light squeegee for glass or flat surfaces in household area.**
- Ideal for smooth surfaces
  - Fits on telescopic pole
  - Lightweight, fixed aluminium channel

Part No.	Size	Info	Pack
US300	30 cm	Complete	10

# S-plus



## S-CHANNEL PLUS



- Stainless steel channel with variable positioning options.**  
**Complete with soft rubber.**
- Curved ends support the rubber at the edges for improved cleaning close to frame
  - Strong and durable
  - Easy change of rubber
  - Fits ErgoTec®, S- and Pro-squeegees

Part No.	Size	Rubber	Pack
UC300	30 cm	Soft	10
UC350	35 cm	Soft	10
UC450	45 cm	Soft	10



## S CHANNEL



- Stainless steel channel with variable positioning options. Complete with soft and hard rubber.**  
**NEW: NE25G-NE55G complete with green rubber for outstanding sliding ability**
- Strong and durable
  - Easy change of rubber
  - Fits ErgoTec®, S- and Pro-squeegees

Part No.	Size	Rubber	Pack
NE25G	25 cm	Green ●	10
NE35G	35 cm	Green ●	10
NE45G	45 cm	Green ●	10
NE55G	55 cm	Green ●	10
NE250	25 cm	Soft	10
NE300	30 cm	Soft	10
NE350	35 cm	Soft	10
NE450	45 cm	Soft	10
NE550	55 cm	Soft	10
NE15H	15 cm	Hard	10
NE25H	25 cm	Hard	10
NE30H	30 cm	Hard	10
NE35H	35 cm	Hard	10
NE45H	45 cm	Hard	10
NE55H	55 cm	Hard	10



# TRADITIONAL WINDOW CLEANING RUBBER & ACCESSORIES



Quality Tools for Smart Cleaning



## GREEN SQUEEGEE RUBBER



**Squeegee rubber with outstanding sliding ability.**

- Streak-free results
- Reliable, long-lasting
- Professional quality - Made in Europe

Part No.	Size	Pack
RR25G	25 cm	10
RR35G	35 cm	10
RR45G	45 cm	10
RR55G	55 cm	10



## Pro SQUEEGEE RUBBER



**10 rubbers per bag. Professional quality.**

- Highly durable and efficient
- Sharp edges enable thorough wiping for superior finish

Part No. Soft	Part No. Hard	Size	Pack
RR200	RR20H	20 cm	10
RR250	RR25H	25 cm	10
RR350	RR35H	35 cm	10
RR450	RR45H	45 cm	10
RR550	RR55H	55 cm	10
RR650	RR65H	65 cm	10
RR750	RR75H	75 cm	10
RR920	RR92H	92 cm	10
RR990	RR99H	106 cm	10



## Pro SQUEEGEE RUBBER



**25 rubbers per storage box. Professional quality.**

- Highly durable and efficient
- Sharp edges enable thorough wiping for superior finish
- Sturdy plastic storage box keeps rubbers clean and straight

Part No.	Size	Rubber	Pack
RP350	35 cm	Soft	25
RP450	45 cm	Soft	25
RP35H	35 cm	Hard	25
RP45H	45 cm	Hard	25



## HIGHWAY RUBBER



**Cut to fit 15 m rubber roll. Household quality.**

- Convenient and practical
- Good value deal
- Cardboard box with easy rubber access

Part No.	Size	Pack
HIXXL	15 m	1



## Plastic Clips

**For improved hold of rubber in the channel. Available in solid plastic or brass.**

- Effectively tensions and secures squeegee rubber
- Detachable one at a time
- Practical sturdy storage box

Part No.	Info	Pack
PCLIP	Plastic Clips 40/Box Brass Clips 100/Box	10



## Ergo HANDLE EXTENSION

**Additional 20 cm reach for cleaning glass.**

- Offers additional reach for safer cleaning without ladders
- Fits to all cone tools

Part No.	Size	Pack
HH000	26 cm	10



## LASSO

**Belt fastening safety tool to secure a squeegee.**

- Prevents squeegee from dropping
- Flexible and solid, with inner cord made from kevlar
- Secure hold

Part No.	Size	Pack
SL010	55 cm	10

# TRADITIONAL WINDOW CLEANING SQUEEGEES

## PRODUCT OVERVIEW SQUEEGEES



Use the guide below to compare various models of **UNGER** Squeegees and identify the right one for your cleaning tasks and budget.

	BUDGET	HANDLE		SWIVEL	CHANNEL			RUBBER*			Magnifying Glass	
		Material	Fits to Locking Cone	Tension adjustment	Fitting	Sizes	Material	Type	Soft	Hard		Fitting
<b>ErgoTec® NINJA</b> The ultimate high performance squeegee, featuring TriLoc mechanism for reliable hold of channel and freely adjustable and lockable swivel head. Available in 30° and 40° angle version.	***	2c		Metal screw needs coin or screw-driver	TriLoc: clip press & release	20 – 105 cm	T6 Aluminium	Molded	✓	-	Side Clips on Ninja Channel	p. 34
<b>ErgoTec® Carbon</b> Supertight, hand-crafted carbon fibre handle. 18 % lighter than bicomponent ErgoTec® squeegee handle.	***	Carbon fibre		-	S-Spring: press & release	-	-	-	-	-	Press S-Spring	p. 35
<b>ErgoTec®</b> Stainless steel squeegee with bi-component handle. Advanced ergonomic design for comfortable use every day. Quick and simple channel change.	***	2c		-	S-Spring: press & release	15 – 55 cm	Stainless Steel	Molded	✓	✓	Press S-Spring	p. 35
<b>ErgoTec® SwivelLoc</b> Swivel squeegee head, freely adjustable and lockable – a problem solver for hard-to-reach areas. Available in 2 head angles – straight and 30° version, ideal for working at height.	***	2c		Plastic screw turn 0° position fixable with button	0° screwed plate 30° S-Spring	only handle 0° / 30°	Stainless Steel	Only handle	-	-	0°: screw off plate 30° press S-Spring	p. 35
<b>S</b> Solid, stainless steel squeegee with rubber coated handle. S-Spring for easy & quick channel and rubber change.	**	Metal + Rubber sleeve		-	S-Spring: press & release	15 – 55 cm	Stainless Steel	Molded	✓	✓	Press S-Spring	p. 35
<b>Pro</b> Standard Squeegee for daily work. Clip for easy & quick channel and rubber change. Rubber sleeve for comfortable grip.	**	Metal + Rubber sleeve		-	Clip lock easy release	15 – 55 cm	Stainless Steel	Molded	✓	✓	Open clip	p. 35
<b>Visa-Versa®</b> Squeegee and washer in one tool. Great time saving choice for cleaning at height – no need to change the tool!	**	Plastic Finger grooves		-	S-Spring: press & release	15 – 55 cm	Stainless Steel	Molded	✓	✓	Press S-Spring	p. 35
<b>GC</b> Classic style brass squeegee. Sturdy and durable.	*	Brass		-	Screwed Plate needs screwdriver	35 – 45 cm	Brass	Extruded	✓	-	Screw off plate	p. 36
<b>UniTec</b> Basic metal squeegee. Quick channel release.	*	Metal		-	Squeezed by button	25 – 45 cm	Stainless Steel	Extruded	✓	-	Turn button	p. 36
<b>UniTec Light</b> Lightweight squeegee for glass or flat surfaces, ideal for household use.	*	Plastic		-	Channel hold by handle	30 cm	Aluminium	Extruded	✓	-	Fixed to channel	p. 36

\* Soft and Hard Rubber are interchangeable and available to order separately.

## i PURCHASING GUIDE

- BUDGET:** How long do you work, how large is the area, how many extra features do you need?
- HANDLE:** Weight, Feature, Ergonomics
- SWIVEL FUNCTION:** Do you need to access hard to reach areas? Do you work with telescopic poles?
- CHANNEL:** How large is the surface to be cleaned? How important is a quick channel change?
- RUBBER:** Soft or hard rubber? Professional quality or is standard quality enough?

This product securely locks on ErgoTec® Locking cone.

This product fits on **UNGER** Poles without safety locking mechanism.

**GOOD**  
Basic version

**BETTER**  
Standard version

**BEST**  
Bestseller

**PREMIUM**  
Top of the range product

**PUSH ON/ SCREW ON**

**PUSH ON AND CLICK TO LOCK IN PLACE**

# TRADITIONAL WINDOW CLEANING WASHERS



Quality Tools for Smart Cleaning



## ERGOtec® NINJA



The center position can be locked by pressing the lock button



**Swivel function:** Perfect for polework and hard-to-reach-areas



### ErgoTec® NINJA WASHER



- Complete with NINJA Washer T-Bar and highly absorbent sleeve with Microfibre.**
- Ultimate cleaning performance. Sleeve is machine washable up to 500 times
  - Sleeve with rows of scrubbing fibres and 2 abrasive side pads
  - Strong yet lightweight hard anodised aluminium T-Bar with 180° swivel function
  - Fits securely to pole with Locking Cone

Part No.	Size	Material	Pack
NA350	35 cm	Blended fabric*	5
NA450	45 cm	Blended fabric*	5

\*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

### ErgoTec® Power WASHER



- ErgoTec® T-bar and power microfibre sleeve.**
- 20 % higher water absorption than standard microfibre sleeves
  - Machine washable and suitable for tumble drying
  - Two-component handle with water wells
  - Locks into place on the safety cone

Part No.	Size	Material	Pack
BC350	35 cm	Microfibre*	10
BC450	45 cm	Microfibre*	10

\*Support material: 100 % polyester; Fibres: 100 % polyester

### StripWasher® MicroStrip PAC



- Complete washer with highly absorbent microfibre sleeve.**
- Superior cleaning power
  - Sleeve with side scrub pad is machine washable up to 500 times
  - Lightweight plastic T-Bar with water wells fits securely to pole

Part No.	Size	Material	Pack
NC350	35 cm	Microfibre*	10
NC450	45 cm	Microfibre*	10

\*Support material: 100 % polyamide; Fibres: 100 % polyethylene

### StripWasher® Monsoon STRIP PAC



- Complete washer with blended, extra long fibre sleeve.**
- Excellent cleaning power
  - Sleeve with side scrub pad is machine washable up to 500 times
  - Lightweight plastic T-Bar with water wells fits securely to pole

Part No.	Size	Material	Pack
MC350	35 cm	Blended fabric*	10
MC450	45 cm	Blended fabric*	10

\*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

### StripWasher® Pad STRIP PAC



- Complete washer with blended fabric sleeve and scrub pad strip.**
- Removes tough dirt
  - Sleeve with scrub pad is machine washable up to 500 times
  - Lightweight plastic T-Bar with water wells fits securely to pole

Part No.	Size	Material	Pack
RC350	35 cm	Scrub Pad + Fabric*	10
RC450	45 cm	Scrub Pad + Fabric*	10

\*Support material: 100 % polyethylene; Fibres: 80 % polyacrylic, 20 % polyethylene

### StripWasher® Original STRIP PAC



- Complete washer with blended fabric sleeve.**
- Good cleaning power
  - Sleeve is machine washable up to 500 times
  - Lightweight plastic T-Bar with water wells fits securely to pole

Part No.	Size	Material	Pack
WC250	25 cm	Blended fabric*	10
WC350	35 cm	Blended fabric*	10
WC450	45 cm	Blended fabric*	10

\*Support material: 100 % polyethylene; Fibres: 100 % polyacrylic



# TRADITIONAL WINDOW CLEANING WASHER T-BARS

## ERGOtec® NINJA



### ErgoTec® NINJA T-BAR



- Durable, lightweight hard anodized aluminium T-Bar.**
- Ergonomic bi-component handle with 180° swivel and lock function
  - Superior performance without causing excessive strain on arms and shoulders
  - Fits securely to pole with Locking Cone

Part No.	Size	Pack
NI250	25 cm	5
NI350	35 cm	5
NI450	45 cm	5
NI550	55 cm	5
NI750	75 cm	5



### ErgoTec® T-BAR



- Durable plastic T-Bar with ergonomic bi-component handle.**
- Water wells for increased water retention
  - Fits securely to pole with Locking Cone

Part No.	Size	Pack
EH250	25 cm	10
EH350	35 cm	10
EH450	45 cm	10



### Swivel T-BAR



- Lightweight aluminium T-bar with adjustable head and plastic handle.**
- Angle adjustable to 7 positions with set screw
  - Fits securely to pole with Locking Cone

Part No.	Size	Pack
SV350	35 cm	5
SV450	45 cm	5



### Alu T-BAR



- Lightweight solid aluminium T-Bar with plastic handle.**
- Finger grooves on the handle for secure grip
  - Fits securely to pole with Locking Cone

Part No.	Size	Pack
AT150	15 cm	10
AT250	25 cm	10
AT350	35 cm	25
AT450	45 cm	25
AT550	55 cm	10



### UniTec T-BAR



- Lightweight monolithic plastic T-Bar.**
- Water wells for increased water retention
  - Fits securely to pole with Locking Cone

Part No.	Size	Pack
OE250	25 cm	10
OE350	35 cm	10
OE450	45 cm	10

# TRADITIONAL WINDOW CLEANING WASHER SLEEVES



Quality Tools for Smart Cleaning



## ErgoTec® NINJA SLEEVE



**Blended fabric sleeve with 2 abrasive side pads and hooks & loops fastener.**

- Ultimate cleaning performance
- With rows of scrubbing fibres for effective removal of stubborn dirt
- High water retention
- Machine washable up to 500 times

Part No.	Size	Material	Pack
NJ250	25 cm	Blended fabric*	5
NJ350	35 cm	Blended fabric*	5
NJ450	45 cm	Blended fabric*	5
NJ550	55 cm	Blended fabric*	5
NJ750	75 cm	Blended fabric*	5

\*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

## Power MICROFIBRE SLEEVE



**Power microfibre sleeve with scrubbing pad for ultimate cleaning power, with hooks & loops fastener**

- 20 % higher water absorption than standard microfibre sleeves
- Machine washable and suitable for tumble drying

Part No.	Size	Material	Pack
BS250	25 cm	Microfibre*	10
BS350	35 cm	Microfibre*	10
BS450	45 cm	Microfibre*	10
BS550	55 cm	Microfibre*	10

\*Support material: 100 % polyester; Fibres: 100 % polyester

## MicroStrip MICROFIBRE SLEEVE



**Microfibre sleeve with scrub pad and hooks & loops fastener.**

- Superior cleaning power
- High water retention - up to 6 times its own weight
- Machine washable up to 500 times

Part No.	Size	Material	Pack
NS250	25 cm	Microfibre*	10
NS350	35 cm	Microfibre*	10
NS450	45 cm	Microfibre*	10
NS550	55 cm	Microfibre*	10

\*Support material: 100 % polyamide; Fibres: 100 % polyethylene



## Original SLEEVE



**Blended fabric standard sleeve with hooks & loops fastener.**

- Good cleaning power
- Machine washable up to 500 times

Part No.	Size	Material	Pack
WS250	25 cm	Blended fabric*	10
WS350	35 cm	Blended fabric*	10
WS450	45 cm	Blended fabric*	10

\*Support material: 100 % polyethylene; Fibres: 100 % polyacrylic



## Pad SLEEVE



**Blended fabric standard sleeve with scrub pad strip and hooks & loops fastener.**

- Time efficient cleaning of heavily soiled surfaces
- Machine washable up to 500 times

Part No.	Size	Material	Pack
RS350	35 cm	Scrub Pad + Fabric*	10
RS450	45 cm	Scrub Pad + Fabric*	10

\*Support material: 100 % polyethylene; Fibres: 80 % polyacrylic, 20 % polyethylene



## Monsoon SLEEVE



**Blended fabric sleeve with extra long fibres, scrub pad and hooks & loops fastener.**

- Excellent cleaning power
- High water retention
- Machine washable up to 500 times

Part No.	Size	Material	Pack
MS150	15 cm	Blended fabric*	10
MS250	25 cm	Blended fabric*	10
MS350	35 cm	Blended fabric*	10
MS450	45 cm	Blended fabric*	10

\*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide



## UniTec SLEEVE



**Synthetic fibre washer sleeve with snap fasteners.**

- Good cleaning power
- Good value deal
- Machine washable up to 500 times

Part No.	Size	Material	Pack
ON250 <sup>1</sup>	25 cm	Polyester*	10
ON350	35 cm	Polyester*	10
ON450	45 cm	Polyester*	10

\*Support material/Fibres: 100 % polyester

<sup>1</sup> While stocks last

# TRADITIONAL WINDOW CLEANING WASHERS

## PRODUCT OVERVIEW WASHERS



Use the guide below to compare various models of **UNGER** washers and sleeves and identify the right one for your cleaning tasks and budget.

### T-BARS

	BUDGET	HANDLE		SWIVEL FUNCTION		T-BAR				
		Material	Fits to Locking Cone	Swivel Head	Tension adjustment	Material	Weight	Available Sizes	Function	
<b>ErgoTec® NINJA</b>	★★★	Plastic with rubber insert		✓	Screw	Aluminium	Very light	25 – 75 cm	Swivel head	p. 40
<b>ErgoTec®</b>	★★★	Plastic with rubber insert		-	-	Plastic	Light	25 – 45 cm	Water wells	p. 40
<b>Alu</b>	★★	Plastic		-	-	Aluminium	Very light	15 – 55 cm	Low weight	p. 40
<b>Swivel</b>	★★	Plastic		✓	Knob	Aluminium	Very light	35 + 45 cm	Swivel head	p. 40
<b>UniTec</b>	★	Plastic		-	-	Plastic	Light	25 – 45 cm	Water wells	p. 40

### SLEEVES

	BUDGET	MATERIAL	MICROFIBRE	FEATURES	AVAILABLE SIZES	FASTENING	SCRUB PAD	
<b>ErgoTec® NINJA</b>	★★★	100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide**	✓	Ultimate cleaning performance	25 – 75 cm	Hooks & Loops	2 x	p. 41
<b>Power</b>	★★★	100 % polyester*/**	✓	20 % higher water absorption than standard microfibre sleeves	25 – 55 cm	Hooks & Loops	1 x	p. 41
<b>MicroStrip</b>	★★★	100 % polyamide* 100 % polyethylene**	✓	High water retention - up to 6 times its own weight	25 – 55 cm	Hooks & Loops	1 x	p. 41
<b>Monsoon</b>	★★★	100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide**	-	High water retention	15 – 45 cm	Hooks & Loops	1 x	p. 41
<b>Original</b>	★★	100 % polyethylene* 100 % polyacrylic**	-	Good cleaning power	25 – 45 cm	Hooks & Loops	1 x	p. 41
<b>Pad</b>	★★	100 % polyethylene* 80 % polyacrylic** 20 % polyethylene**	-	Removes tough dirt	35 + 45 cm	Hooks & Loops	-	p. 41
<b>UniTec</b>	★	100 % polyester*/**	-	Standard cleaning power	25 – 45 cm	Snap fasteners	-	p. 41

\* Support material  
\*\* Fibres

★ **GOOD**  
Basic version

★★ **BETTER**  
Standard version

★★★ **BEST**  
Bestseller

**PREMIUM**  
Top of the range product

**PUSH ON/  
SCREW ON**

**PUSH ON AND CLICK  
TO LOCK IN PLACE**



# TRADITIONAL WINDOW CLEANING GLASS SCRAPERS

**UNGER**

Quality Tools for Smart Cleaning

The **UNGER GLASS SCRAPERS** with carbon or stainless steel reversible blades, featuring 2 sharp edges, are perfect for removing bird droppings, paint, tape, stickers and post-construction debris from the glass.

The **UNGER SURFACE SCRAPERS** with reversible stainless steel blades, featuring 1 sharp and 1 blunt edge, are great for heavy duty applications. Use the blunt edge to remove stubborn dirt, including cement and stucco.

## UNGER PREMIUM GLASS SCRAPER BLADES STAINLESS STEEL



- Durable dual-sided replacement scraper blades are made from rust resistant 440A grade stainless steel which provides excellent edge retention and break resistance, ensuring that blades stay sharp for a long time.
- Each blade undergoes a precise angle honing process, creating a razor sharp and consistent cutting angle, enhancing the speed and effectiveness of every scraper pass.
- Perfect for removing paint, decals, tape, heavy soil and debris from glass surfaces, as well as construction clean up.
- Compatible with most flat or angled 10 cm (4") or 15 cm (6") scrapers.

## UNGER CARBON STEEL BLADES



- Made of extra-sharp carbon steel and each blade is 4-way sharpened
- Two sharp sides for twice the wear on selected scraper blades
- Both sides lacquered for longer rust protection
- Individual wrapping in wax paper helps to protect blades from rusting and sticking together
- Safely packed and stored in convenient plastic dispenser. Blades remain dry and always available in safe dispenser



# TRADITIONAL WINDOW CLEANING GLASS SCRAPERS

# ERGOTEC® NINJA

Practical Holster  
for the Belt



Available in 2 sizes:  
10 cm      15 cm



Switch the angle of the scraper head  
from 0 to 30° at the touch of a button!



Safer and easier blade change –  
push slider release lock to access  
and change blade



Scraper includes removable  
protective blade cover



Practical Holster & Scraper Combo

## ErgoTec® NINJA SCRAPER

The world's first 2-in-1 scraper for professional window cleaning.

- The angle of the scraper head can be switched from straight to 30°
- Safer and easier blade change
- Fits securely to poles with Locking Cone
- Includes UNGER Premium Glass Scraper Blade Stainless Steel

Part No.	Blade	Pack
EN100	10 cm	5
EN150	15 cm	5

## ErgoTec® NINJA COMBO (SCRAPER + HOLSTER)

Part No.	Blade	Pack
ENH10	10 cm	5
ENH15	15 cm	5

## ErgoTec® NINJA HOLSTER

Made of durable solid plastic, the Holster is built to withstand frequent contact with sharp blades thanks to its integrated stainless steel strike plate.

- Fits to most standard tool belts
- Fits the scraper with or without protective cap

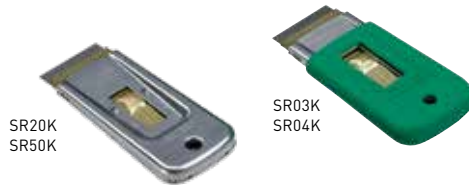
Part No.	Compatible	Pack
HT150	Fits 10 cm and 15 cm scraper	5

## PREMIUM GLASS SCRAPER BLADES STAINLESS STEEL

Part No.	Blade	Info	Pack
ENB10	10 cm	1 case = 25 blades	10 cases
ENB15	15 cm	1 case = 25 blades	10 cases

Also fits ErgoTec®, ProTrim and Trim scrapers

### 4 CM, SINGLE SHARP EDGE BLADE



#### ErgoTec® SAFETY SCRAPER

\*\*\*

Ergonomic scraper with safety mechanism.

Spare blades: SRB10, SRB20, SRBDB.

- Single sharp edge blade
- Made of metal with rubber grip, sturdy and durable
- Retractable blade for safety

Part No.	Size	Info	Pack
SR03K	4 cm	20 in a box	20
SR04K	4 cm	50 in a display box	50

#### SAFETY SCRAPER

\*\*

Convenient scraper with safety mechanism.

Spare blades: SRB10, SRB20, SRBDB.

- Single sharp edge blade
- Made of metal, sturdy and durable
- Retractable blade for safety

Part No.	Size	Info	Pack
SR20K	4 cm	20 in a box	20
SR50K	4 cm	50 in a display box	50



#### MINI SCRAPER

\*

Handy plastic scraper with special locking mechanism.

- Extremely handy - fits anywhere!
- Single edge blade for safety

Part No.	Size	Info	Pack
STMIN	4 cm	In a plastic bucket	100



#### CARBON STEEL BLADES FOR GLASS SCRAPERS 4 cm

\*\*\*

For SR03K, SR04K, SR20K, SR50K, STMIN.

- Single edge razor blade with aluminium holder
- Easy to replace
- SRBDB includes dispenser with tray for old blades

Part No.	Size	Info	Pack
SRB10	4 cm	100 loose blades	1 box
SRB20	4 cm	250 blades (50x5)	1 box
SRBDB	4 cm	480 blades (48x10 in dispenser)	48 disp.



### 10/15 CM, REVERSIBLE SHARP BLADE



#### ErgoTec® GLASS SCRAPER

\*\*\*

Large surface blade with ergonomic bi-component handle.

Spare blades: TR100 (10 cm), TR150 (15 cm).

- Reversible sharp blade
- Simple slide blade change, with protective cap for safety
- Fits securely to pole with Locking Cone

Part No.	Size	Info	Pack
EG100	10 cm	Packed in a display box	10
EG150	15 cm	Packed in a display box	10



#### PROTRIM 10

\*\*\*

The convenient lightweight scraper for every day.

Spare blades: TR100, KL100.

- Convenient and compact
- Retractable blade for safety
- Blade replacement and cleaning at push of a button

Part No.	Size	Info	Pack
TX100	10 cm	Packed in display box	10



#### TRIM 10+1

\*\*

stainless steel glass scraper. In practical plastic box, with 10 blades.

Spare blades: TR100, KL100.

- Strong stainless steel
- Fits in UNGER squeegee handles
- Folding mechanism for safety

Part No.	Size	Info	Pack
TM100	10 cm	1 case = 1 holder+10 blades	10 cases
TH100	10 cm	1 box = 25 holder in bundles of 5	25



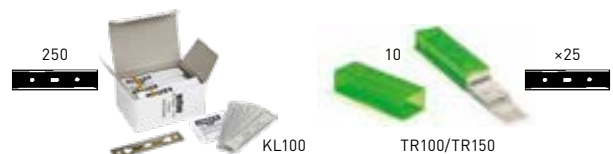
#### CARBON STEEL BLADES FOR GLASS SCRAPERS 10/15 cm

\*\*\*

Carbon steel blades with reversible sharp edges.

For TX100, EG100, EG150, TM100, EN100, EN150.

Part No.	Size	Info	Pack
KL100	10 cm	250 loose blades	1 box
TR100	10 cm	250 blades (10 cases x 25 blades)	10 cases
TR150	15 cm	250 blades (10 cases x 25 blades)	10 cases





# SURFACE SCRAPERS

## 10 CM, REVERSIBLE SHARP/BLUNT EDGE BLADE



### ErgoTec® SCRAPER



Ergonomic surface scraper with bi-component handle.

Spare blades: RB100.

- Advanced ergonomic handle design for comfortable use
- Angled, heavy metal head with reversible sharp/blunt edge blade

Part No.	Size	Pack
SH000	10 cm	10



### ErgoTec® LONG HANDLE SCRAPER



The surface scraper with extra power with bi-component handle.

Spare blades: RB100.

- 25 cm long handle for extra reach and power
- Reversible sharp/blunt blade
- Blade protection cap for safety

Part No.	Size	Pack
SH250	10 cm	10



## STAINLESS STEEL BLADES FOR SURFACES

Reversible sharp/blunt edge stainless steel blade. For SH000, SH250

- Sharp edge for scraping off paint, stickers, etc.
- Blunt side for removing cement and stucco
- Compact dispenser stores new and used blades
- Blades easily slide in and out of dispenser

Part No.	Size	Info	Pack
RB100	10 cm	1 dispenser = 10 blades	10 disp

## i → EXPERT TIPS

- Check if glass is scratch-resistant and suitable for scraper use. Unsuitable for use on Plexiglas, crown glass, solar glass, safety glass (ESG). Follow the manufacturer's care instructions
- Perform a scrape test in advance on an inconspicuous section
- Before starting work, check the glass for damage and report it, if necessary
- Check the blade for damage and change it, if necessary, or reverse it
- The surface to be scraped should always be wet
- It is best to use a release agent, e.g. "UNGER's Liquid"
- Always scrape in one direction! Never pull the scraper back – scratch risk!
- After scraping, check if adhesive or stucco residues are stuck to blade. If necessary, change or reverse blade

**ATTENTION! UNGER blades are razor-sharp.**  
Always handle with greatest care.



## OVERVIEW OF GLASS SCRAPERS

GLASS SCRAPER (2-sided sharp blade)	QUALITY	BLADE MATERIAL	BLADE SIZE	HANDLE	FITS ON SAFETY CONE	SWIVEL FUNCTION	BLADE CHANGE	PROTECTION MECHANISM	
<b>ErgoTec® NINJA</b> (EN100, EN150)	***	Stainless steel	10 cm 15 cm	2c-material		✓	Carriage	Cap	p. 44
<b>ErgoTec®</b> (EG100, EG150)	***	Carbon steel	10 cm 15 cm	2c-material		-	Carriage	Cap	p. 45
<b>PROTRIM</b> (TX100)	***	Carbon steel	10 cm	Plastic	-	-	unfold	retractable blade	p. 45
<b>ErgoTec® SAFETY SCRAPER</b> (SR03K, SR04K)	***	Carbon steel	4 cm	Stainless steel with rubber coating	-	-	push out sideways	retractable blade	p. 45
<b>TRIM 10+1</b> (TM100, TH100)	**	Carbon steel	10 cm	Stainless steel	-	-	push out sideways	Folding mechanism	p. 45
<b>SAFETY SCRAPER</b> (SR20K, SR50K)	**	Carbon steel	4 cm	Stainless steel	-	-	push out sideways	retractable blade	p. 45
<b>MINI SCRAPER</b> (STMIN)	*	Carbon steel	4 cm	Plastic	-	-	push out sideways	Turn blade	p. 45

GLASS SCRAPER BLADES (2-sided sharp)	QUALITY	MATERIAL	SIZE	COMPATIBLE WITH SCRAPER						PACKAGING			
				NINJA	ERGOTEC	PROTRIM	TRIM 10+1	ERGOTEC SAFETY SCRAPER	MINI SCRAPER	BOX	BOX CONTENTS	PACK	
<b>PREMIUM GLASS SCRAPER BLADES</b> (ENB10, ENB15)	***	Stainless steel	15 cm	✓	✓	-	-	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 45
			10 cm	✓	✓	✓	✓	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 45
<b>GLASS SCRAPER BLADES</b> (KL100, TR100, TR150, SRB10, SRB20, SRBDB)	***	Carbon steel	15 cm	✓	✓	-	-	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 45
			10 cm	✓	✓	✓	✓	-	-	Box	250 blades	1 box (250 blades)	p. 45
			10 cm	✓	✓	✓	✓	-	-	Blister pack	100 blades	1 blister pack (100 blades)	p. 45
			4 cm	-	-	-	-	✓	✓	Display box	50 boxes of 5 blades each	1 box (250 blades)	p. 45
									Display box	48 Dispenser of 10 blades each	1 box (480 blades)	p. 45	

## OVERVIEW OF SURFACE SCRAPERS

SURFACE SCRAPERS (1-sided sharp blade)	QUALITY	BLADE MATERIAL	BLADE SIZE	HANDLE	FITS ON SAFETY CONE	MORE ANGLED METAL HEAD	BLADE CHANGE	PROTECTION MECHANISM	
<b>ErgoTec® SCRAPER</b> (SH000)	***	Stainless steel	10 cm	2c-material		✓	Unscrew the slider	Cap	p. 46
<b>ErgoTec® LONG HANDLE SCRAPER</b> (SH250)	***	Stainless steel	10 cm	Long handle (25cm) 2c-material	-	✓	Unscrew the slider	Cap	p. 46

SURFACE SCRAPERS BLADES (1-sided sharp)	QUALITY	MATERIAL	SIZE	COMPATIBLE WITH SCRAPER			VERPACKUNG			
				ERGOTEC	ERGOTEC LONG HANDLE SCRAPER	FLOOR SCRAPER LIGHT	BOX	BOX CONTENTS	PACK	
<b>PREMIUM SURFACE BLADES</b> (RB100)	***	Stainless steel	10 cm	✓	✓	✓	Display Box	10 Dispenser 10 blades each	10 Dispenser (100 blades)	p. 46

# TRADITIONAL WINDOW CLEANING

## TELESCOPIC POLE SYSTEM



### TELESCOPIC POLE SYSTEM

#### Safety at the highest level.

**UNGER** telescopic poles have always been the ideal tool for the job when it comes to making professional glass cleaning from the ground easier – and in addition save time and money.

#### OptiLoc

For even more ease of use and handling, **UNGER** has now further optimised its **OptiLoc** telescopic poles. Thanks to the new 2-component twist lock, this new generation of **OptiLoc** telescopic poles offers many advantages.

- 2 or 3 section telescopic pole
- Available in 9 different lengths
- Reach in excess of 9 m (30 ft)  
(max. pole length 9 m (30 ft) + body height)
- Weight and rigidity perfectly balanced
- **ErgoTec**® Locking Cone included

#### TelePlus System

- Extendable modular telescopic pole
- 2 section basic poles
- Extensions 1,25 m (4 ft) or 2,00 m (6,5 ft) – simply attach
- Reach in excess of 10 m (32 ft)  
(max. pole length 10 m (32 ft) + body height)
- **ErgoTec**® Locking Cone included

#### UniTec

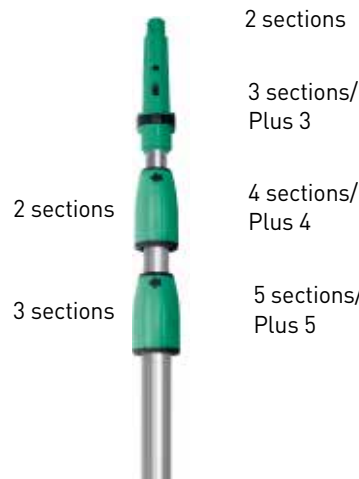
- 2 section telescopic pole
- Available in 3 different lengths
- Interior lock, twist right or left for locking
- Reach in excess of 4 m (13 ft)  
(max. pole length 4 m (13 ft) + body height)

### **i** AVOID WORKING ON LADDERS

- **UNGER** telescopic poles allow you to work safely reaching up to 10 m height, while standing on the ground
- The **UNGER ErgoTec**® Locking Cone ensures safer operation, since the tools lock in place and cannot drop
- Most accidents with ladders are caused by wrong handling, and not their damage
- Always check whether cleaning from the ground is a safe option. If not, discuss safe alternatives and corresponding costs with your client
- Always insist on safe working conditions. Do not risk your life just because the client does not accept certain services!
- Always choose the safest way. Ladders should not automatically be first choice simply due to convenience
- Ladders become extremely unsafe under certain conditions: Rain makes the ground slippery; uneven ground or contaminations can result in tilting, or even falling

### TelePlus

#### OptiLoc



#### UniTec





# TRADITIONAL WINDOW CLEANING

## OPTI LOC

**UNGER**

Quality Tools for Smart Cleaning



### ERGO TEC® LOCKING CONE

- Compatible with all UNGER tools.
- Prevents tools from falling down
- Fast and easy tool change



### 2-COMPONENT-TWIST LOCK

- Easier to open and close
- Better grip even with wet hands



### ERGONOMIC HANDLE DESIGN

- 2c surface for a comfortable grip
- Ergonomic and secure grip even in wet conditions



### ANTI-SLIP END CAP

- Safe stand when you set the OptiLoc telescopic pole down
- Protects from damage



# TRADITIONAL WINDOW CLEANING TELESCOPIC POLE SYSTEM

For distributors:  
Pack Unit 10. Select 10 poles  
from this page.

## OPTI LOC



### OptiLoc POLE, 2 SECTIONS

With bi-component handles and twist locks, with ErgoTec® Locking Cone.

Part No.	Size max.	Size min.
EZ120	1,25 m	0,78 m
EZ250	2,50 m	1,40 m
EZ300	3,00 m	1,65 m
EZ400	4,00 m	2,13 m

### OptiLoc POLE, 3 SECTIONS

With bi-component handles and twist locks, with ErgoTec® Locking Cone.

Part No.	Size max.	Size min.
ED180	1,85 m	0,96 m
ED370	3,75 m	1,57 m
ED450	4,50 m	1,82 m
ED600	6,00 m	2,27 m
ED750	7,50 m	2,81 m
ED900	9,00 m	3,37 m

## TELE PLUS



### TelePlus POLE, 1,25 m SECTIONS

Modular Telescopic pole with ErgoTec® Locking Cone.

Part No.	Size max.	Size min.	Sections
TZ250	2,50 m	1,66 m	2
TD370	3,70 m	1,70 m	3
TV500	5,00 m	1,75 m	4
TF620	6,20 m	1,78 m	5



### TelePlus POLE, 2,00 m SECTIONS

Modular Telescopic pole with ErgoTec® Locking Cone.

Part No.	Size max.	Size min.	Sections
TZ400	4,00 m	2,24 m	2
TD600	6,00 m	2,42 m	3
TV800	8,00 m	2,26 m	4
TF100	10,00 m	2,52 m	5



### TelePlus3 EXTENSION

Extension for 2 section poles. Ø 29 mm

Part No.	Size
T3120	1,25 m
T3200	2,00 m



### TelePlus4 EXTENSION

Extension for 3 section poles. Ø 33 mm

Part No.	Size
T4120	1,25 m
T4200	2,00 m



### TelePlus5 EXTENSION

Extension for 4 section poles. Ø 37 mm

Part No.	Size
T5120	1,25 m
T5200	2,00 m

## UNI TEC



### UniTec POLE, 2 SECTIONS

Telescopic pole with standard nylon cone. Quick lock by twisting sections against each other

Part No.	Size max.	Size min.
OS210	2,00 m	1,12 m
OS250	3,00 m	1,64 m
OS260	4,00 m	2,13 m









### ONE STAGE POLE, 1 SECTION

With ErgoTec® Locking cone. Ø 21 mm

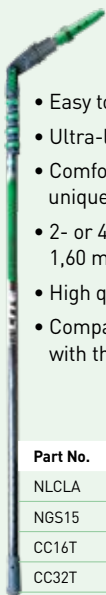
Part No.	Size
HH240	60 cm

## OVERVIEW TELESCOPIC POLES

ALUMINIUM TELESCOPIC POLES	QUALITY	EXTENSION	ELEMENTS	POLE LENGTH										LENGTH ADJUSTMENT	HANDLE	SAFETY CONE	
				UP TO 2 M	UP TO 3 M	UP TO 4 M	UP TO 5 M	UP TO 6 M	UP TO 7 M	UP TO 8 M	UP TO 9 M	UP TO 10 M					
 <b>OptiLoc</b>	★★★	Telescopic	2	EZ120	EZ250 EZ300	EZ400	EZ500	EZ600	EZ600					Twist lock, 2c plastic	2c plastic with Anti-slip end cap		
			3	ED180		ED370	ED450	ED600	ED600	ED750	ED900						
 <b>TelePlus</b>	★★	Telescopic + modular	2		TZ250	+ T3120	+ T3120 + T4120	+ T3120 + T4120 + T5120						Twist lock, plastic	Plastic		
			3		TD370	+ T4120	+ T4120 + T5120										
			2		TZ400		+ T3200	+ T3200 + T4200	+ T3200 + T4200 + T5200								
			4		TV500		+ T5120										
			3		TD600		+ T4200	+ T4200 + T5200									
			5		TF620												
			4		TV800		+ T5200										
5		TF100															
 <b>UniTec</b>	★	Telescopic	2	OS210	OS250	OS260							Inner closure	Plastic			

## i

## USE THE HIGH QUALITY nLITE® CARBON COMPOSITE TELESCOPIC POLE




- Easy to use clamps for length adjustment
- Ultra-lightweight and extremely durable
- Comfortable, ergonomic work, innovative, unique pole shape unique pole shape, optimally adapted to the hand
- 2- or 4 section pole, available in the following lengths 1,60 m, 3,20 m und 6,00 m
- High quality mix of carbon and glass fibres
- Compatible with classic glass cleaning tools with the cone adapter



NLCLA

Part No.	Product	Size
NLCLA	nLITE cone adapter with cone	
NGS15	nLITE angle adapter	15 cm
CC16T	nLITE telescopic pole, 2 sections	1,60 m
CC32T	nLITE telescopic pole, 2 sections	3,20 m
CC60T	nLITE telescopic pole, 4 sections	6,00 m

 nLITE Telescopic poles p. 11, more angle adapters p. 10





# ADAPTERS & MAINTENANCE



## ANGLE JOINTS

**Freely adjustable angle allows access to hard-to-reach places.**  
 – Available in sturdy zinc version or lightweight plastic version  
 – Fits to telescopic pole

Part No.	Version	Pack
CJA00	Zinc	5
CJN00	Plastic	5



## TOOL HOLDER

**Ideal for paint rollers, scrapers and other tools with up to Ø 3cm handle.**  
 – Enables safe operation from the ground with secure tool handle lock  
 – Adjustable angle that locks securely via bolt with nut  
 – Fits to telescopic pole

Part No.	Pack
PBR00	5



## THREAD ADAPTER 1/2"

**With 1/2" thread. Fits conventional brooms.**  
 – Adapter is inserted into pole and locks in place via stand spring

Part No.	Pack
BE000	5



## BULB CHANGER

**For changing round light bulbs in high access areas without ladders. Rubber coated spring steel fingers.**  
 – Enables safer and faster bulb change from the ground  
 – Fits to telescopic pole

Part No.	Pack
BS010	5



## ErgoTec® LOCKING CONE

**Securely locks tools on the telescopic pole. Incl. ACME thread**  
 – Compatible with all UNGER systems  
 – Quick and easy tool change via release button

Part No.	Pack
NCAN0	5



## CONE

**For attaching or screwing on tools. Incl. ACME thread**  
 – Cone is inserted into pole and locks in place via stand spring

Part No.	Pack
NCA00	5



## THREAD ADAPTER FOR ALU-POLES

**Anodized aluminium adapter for fitting the Pad Holder to aluminium poles.**  
 – Fits into any UNGER aluminium pole with 21mm diameter – just click in  
 – Enables connection between aluminium poles and MultiLink Goosenecks, Extensions and Brushes

Part No.	Pack
AFAET	5



## FIXI-SYSTEM

**Innovative cleaning system, ideal for cleaning large and high surfaces such as boats and vehicles.**  
 – Firmly retains a sponge or cloth by tightening the locking collar  
 – Fits on telescopic pole  
 – Stiff bristle brush effectively removes stubborn dirt

Part No.	Version	Pack
FIXI0	Clamp	5
HBR00	Brush	5
SP010	Sponge	10

# TRADITIONAL WINDOW CLEANING GLASS CLOTHS



Quality Tools for Smart Cleaning

## WINDOW MICROFIBRE CLOTH SYSTEM



### CLEANING WITH MICROFIBRE

Microfibre is highly efficient in removing dirt, oils, embedded soils and bacteria from surfaces without chemicals due to its slightly abrasive fibre texture. When used dry the statically charged fibre attracts and holds dust in place, unlike cotton or paper cloths.

Highly absorbent microfibre requires less water and chemicals for effective cleaning, allowing a reduction in water and harsh chemical consumption.

Microfibre is hard wearing and reusable generating less waste for landfill disposal than cotton or paper disposable cloths.



### ErgoTec® NINJA MICROWIPE



**Best in Class premium lint free microfibre cloth.**

- Fabric weight: 400 g/m<sup>2</sup>
- Double sided – coarse for cleaning and smooth for polishing
- With 4 scrubbing corners for removing stubborn dirt
- Pocket corners for hanging the cloth on the pole for detailing at height
- Reinforced overlock stitch along the edges ensures shape retention
- Machine washable up to 500 times

Part No.	Size	Material	Pack
MN40H	40 × 40 cm	Microfibre*	5
MN55H	55 × 55 cm	Microfibre*	5
MN60H	80 × 60 cm	Microfibre*	5



### MICROWIPE LITE



**Lint free microfibre cloth.**

- Fabric weight: 300 g/m<sup>2</sup>
- Super soft, easy to use low friction material
- Overlock stitch along the edges ensures shape retention
- Machine washable up to 200 times

Part No.	Size	Material	Pack
MF40E	40 × 40 cm	Microfibre*	10
MF60E	60 × 80 cm	Microfibre*	10



### MICROWIPE



**The "Original" lint free microfibre cloth.**

- Fabric weight: 350 g/m<sup>2</sup>
- Double sided – coarse for cleaning and smooth for polishing
- Overlock stitch along the edges ensures shape retention
- Machine washable up to 500 times

Part No.	Size	Material	Pack
MF40L	40 × 40 cm	Microfibre*	10
MF60L	60 × 80 cm	Microfibre*	10



### CHAMOIS

**Professional quality sheepskin chamois.**

- Excellent for glass cleaning
- Quality checked by hand

Part No.	Size	Material	Pack
FS450	ca. 0,4 m <sup>2</sup>	Sheepskin	5
FS550	ca. 0,5 m <sup>2</sup>	Sheepskin	5



### SCRIM

**For polishing and spot cleaning of glass surfaces.**

- Robust and durable
- Generous size for large surface. Washed scrim cloth size may vary slightly due to shrinking.
- Versatile best seller

Part No.	Size	Material	Pack
SCRM1	92 × 92 cm	100 % Linen	10

\* 70 % polyester, 30 % polyamide

# TRADITIONAL WINDOW CLEANING BUCKETS, BELTS, POUCHES

**NEW!**



## BUCKET 12 L

### Bucket for glass cleaning.

- Compact, rectangular design for easier transportation
- Durable and ergonomic handle fits comfortably in the hand. Vertical handle lock position
- Includes storage options for washers and window squeegees up to 35 cm wide
- Two spouts, measuring scale

Part No.	Capacity / Inside dimension	Pack
QB12B	12 l / 40 x 19cm	10



## BUCKET 28 L

### Large bucket for glass cleaning.

- Holds 45 cm squeegee
- Features measuring scale and two spouts
- Available optional accessories: lid, bucket sieve

Part No.	Capacity / Inside dim.	Pack
QB220	28 l / 54 x 26,5 cm	5



QB080



QB060

## ACCESSORIES FOR BUCKET 28 L

Part No.	Product	Pack
QB060	Bucket Sieve	5
QB080	Lid	5



BB010



BB020

## BUCKET ON A BELT

### Durable plastic holder for squeegee, washer, scraper.

- Conveniently holds all important tools
- Ideal for use on ladders, indoors or in narrow spaces
- BB010 with Protector insert for optimum squeegee compatibility

Part No.	Can hold the following tools	Pack
BB010	NINJA: 1 washer, 2 squeegees, 1 scraper	5
BB020	Classic: 1 squeegee, 1 washer, 1 scraper	5



## ErgoTec® BELT

Solid belt for carrying tool holders. 4 eyes, padding, quick release.

Part No.	Size	Material	Pack
BSTBT	80 - 130 cm	Nylon	1



## ErgoTec® POUCH

3 compartments. Dry and damp cloths can be stored separately. Front pocket with flap and hooks & loops fastener.

Part No.	Size	Material	Pack
BSP0U	30 x 37 cm	Nylon	1



## CANVAS APRON

Made of solid nylon with 2 large compartments for cloths, scraper, etc.

- Keeps essential tools protected
- Great for working at height
- Includes adjustable belt

Part No.	Material	Pack
SRZ10	Nylon	10



## HENRY'S DOUBLEHOLSTER

Leather tool holder, two compartments. For fastening to belt.

- Convenient for holding squeegees and washers
- Extremely solid quality leather
- Fits on most belts

Part No.	Pack
HT000	5



## THE BELT

Solid nylon belt for attaching bucket and other tools on a belt.

- Convenient loops for tools (squeegee, etc.)
- Clip lock for quick fastening
- Adjustable length

Part No.	Size	Material	Pack
UB000	115 cm	Polypropylene, nylon	5



# TRADITIONAL WINDOW CLEANING SOAP, GLOVES



Quality Tools for Smart Cleaning



## NINJA LIQUID

**Window cleaning soap, liquid. Power formula with extended foam life.**

- High yield (concentrate 1:100)
- Power formula with ultimate cleaning power for streak-free results
- pH value 5,1 in aqueous solution

Part No.	Content	Pack
FR10S	1 l	12



## UNGER's LIQUID

**Window cleaning soap, liquid. Concentrate. Mixing ratio 1:100.**

- Economic and eco-friendly
- Excellent cleaning power
- Simply add to water, pH value 6,9 in aqueous solution

Part No.	Content	Pack
FR100	1 l	12
FR500	5 l	2



## UNGER's GEL

**Window cleaning soap for direct application onto washer.**

- Economic, covers large areas
- Excellent cleaning power
- Apply directly onto washer, pH value 6,9 in aqueous solution

Part No.	Content	Pack
FG050	0,5 l	10



## RUB OUT

**Professional glass cleaner. Compact bottle with easy dispense cap.**

- Removes hard water stains, rust, mineral deposits, limescale and soap residue
- Tough on stains, gentle on glass, pH value: 5

**Attention:** Some surfaces are easily scratched. Always test Rub Out prior to use.

Part No.	Content	Pack
RUB20	0,5 l	12



## ErgoTec® NEOPRENE GLOVES

★★★

**Gloves for window cleaning, made of 3 mm thick textile neoprene.**

- Tear resistant stitching and glue seal along seams for durability
- Knuckle inserts and flexible curved shape for ultra comfort
- Non slip palm with screened-on silicone for secure grip
- Adjustable hooks & loops wrist strap

Part No.	Size	Hand circumference	Material	Pack
GL02S	7	18 - 19 cm	Neoprene, textile	5
GL02L	8	20 - 21 cm	Neoprene, textile	5
GL02X	9	22 - 23 cm	Neoprene, textile	5
GL02Z	10	24 - 25 cm	Neoprene, textile	5



## NEOPRENE GLOVES

★★

**Gloves for window cleaning. Rubber Neoprene.**

- Tear resistant stitching and glue seal along seams for durability
- Soft and comfortable on inside
- Non slip palm for secure grip
- Adjustable hooks & loops wrist strap

Part No.	Size	Hand circumference	Material	Pack
GLOV1	7	18 - 19 cm	Neoprene, rubberized	10
GLOV2	8	20 - 21 cm	Neoprene, rubberized	10
GLOV3	9	22 - 23 cm	Neoprene, rubberized	10
GLOV4	10	24 - 25 cm	Neoprene, rubberized	10

While stocks last



## POLE GLOVES

★★★

**Premium quality gloves, extra robust for pole work.**

- Ergonomic design for full hand movement and pole control
- Non-slip textured reinforcement panels on palm and fingers
- Teflon coated fabric for superior water resistance, with triple seams
- Adjustable hooks & loops wrist strap with hook and loop for secure fitting
- Webbing loop for added ease while putting glove on

Part No.	Size	Hand circumference	Material	Pack
GL0C1	S (8)	19 - 21 cm	Blended fabric*	5
GL0C3	XL (10)	23 - 24 cm	Blended fabric*	5
GL0C4	XXL (11)	24 - 26 cm	Blended fabric*	5

## i IDENTIFY YOUR GLOVE SIZE:

Measure the circumference of your hand at the widest point, right under the knuckles, excluding thumb.

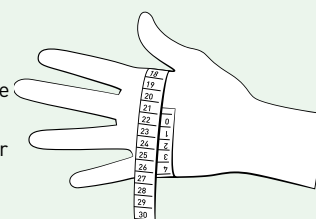
Check our size guide charts on the right to identify your glove size.

**ATTENTION:** Neoprene gloves

run up to one size smaller. Our recommendation: Order one size larger than you usually wear.

The tables provide guidelines for your glove size.

We always recommend trying them on before buying!



\* Palm: 50 % polyester, 50 % polyethylene; Back of the hand: 50 % nylon, 50 % polyethylene

# TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS

The new glass cleaning kits -  
top equipment for every need



AK011A

- High-quality, attractive packaging
- Including detailed instructions for professional window cleaning
- All products in the kit are fully assembled
- Comprehensive sales support available for online sales.
- Three quality levels and equipment - the right one for every need.

The attractive kit scores points on the shelf and in online sales

## ERGO TEC®

★★★

**NEW!**



Professional glass cleaning kits with high-quality ErgoTec® products for professional glass and building cleaners - ergonomic and efficient.

**NEW: AK013 and AK015 with new bucket QB12B**



AK015

Illustration similar

ErgoTec® KITS	STARTER KIT	ADVANCED KIT	COMPLETE KIT
	<b>2in1</b>	<b>3in1</b>	<b>6in1</b>
<b>Content:</b>			
ES35G ErgoTec® Squeegee 35 cm with green rubber	✓	✓	✓
EH350 ErgoTec® T-Bar 35 cm with Power sleeve (BS350)	✓	✓	✓
QB12B <b>NEW:</b> Bucket 12 L		✓	✓
FR100 UNGER Liquid 1 L soap			✓
SR03K ErgoTec® Safety Scraper 4 cm			✓
MF40L MicroWipe Microfibre Cloth 40 × 40 cm			✓
<b>Part No.</b>	<b>AK011A</b>	<b>AK013</b>	<b>AK015</b>
<b>Pack</b>	<b>5</b>	<b>1</b>	<b>1</b>

# TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS



Quality Tools for Smart Cleaning

## ERGOtec® NINJA



Premium glass cleaning kit with NINJA high-performance tools for versatile cleaning tasks -  
Top performance for the professional glass and window cleaner.



AKN14

Illustration similar

ErgoTec® NINJA KITS	STARTER KIT	ADVANCED KIT	COMPLETE KIT
Part No. / Product	2in1	4in1	6in1
EN350 Ninja Squeegee 35 cm	✓	✓	✓
NA350 Ninja Washer complete, 35 cm	✓	✓	✓
MN40H Ninja MicroWipe microfibre cloth 40 x 40 cm		✓	✓
BB010 Ninja Bucket on a Belt		✓	✓
EN100 Ninja Glass Scraper 10 cm			✓
HT150 Ninja Holster 15 cm			✓
<b>Part No.</b>	<b>AKN10</b>	<b>AKN12</b>	<b>AKN14</b>
<b>Pack</b>	<b>5</b>	<b>5</b>	<b>5</b>

# PRO WINDOW CLEANING



Glass cleaning kit with tools for streak-free window cleaning.



AKG14

Illustration similar

PRO WINDOW CLEANING KITS	STARTER KIT	ADVANCED KIT
Part No. /Product	2in1	4in1
SE350 S-Squeegee 35 cm	✓	✓
ON350 UniTec Washer 35 cm, with UniTec sleeve (OE350)	✓	✓
SR20K Safety Scraper 4 cm		✓
MF40E MicroWipe Lite Microfibre Cloth 40x40 cm		✓
QB120 Bucket 18 l		
<b>Part No.</b>	<b>AKG10</b>	<b>AKG14</b>
<b>Pack</b>	<b>10</b>	<b>10</b>



# TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS

## ErgoTec® KIT

★★★

Top of the range complete glass cleaning kit.

Contains comprehensive selection of ErgoTec® tools for professional glass cleaning. The extensive products are completely housed in a sturdy nylon carrier bag.



Illustration similar

### ERGO TEC® KIT

MF40L	(3 x) MicroWipe Microfibre Cloth, 40 x 40 cm
ETG00	ErgoTec® Squeegee Handle
NS350	StripWasher® Micro Sleeve, 35 cm
EH350	ErgoTec® T-bar, 35 cm
SH000	ErgoTec® Scraper, 10 cm
PCLIP	Plastic Clips
RR920	Soft Rubber, 92 cm
SR03K	ErgoTec® Safety Scraper
NE250	S-Channel with Soft Rubber, 25 cm
NE350	S-Channel with Soft Rubber, 35 cm
NE450	S-Channel with Soft Rubber, 45 cm
EZ250	OptiLoc Telescopic pole, 2 sections, 2,50 m
	1 x Unger Liquid Sample

Part No. **ETSET**

Pack 1

## TRANSET

★★

Glass cleaning kit

Contains a basic set of tools for professional glass cleaning for beginners. The products are stored in a sturdy nylon carrier bag.



Illustration similar

### TRANSET

PR000	Pro-Squeegee Handle
NE250	S-Channel with Soft Rubber, 25 cm
NE350	S-Channel with Soft Rubber, 35 cm
NE450	S-Channel with Soft Rubber, 45 cm
RR920	Soft Rubber, 92 cm
WC350	StripWasher® Original Strip Pac, 35 cm
EZ250	OptiLoc Telescopic Pole, 2 sections, 2,50 m
FIX10	FIXI Clamp
HBR00	FIXI Brush
SP010	FIXI Sponge
SR20K	Safety Scraper
TX100	ProTRIM10 Scraper

Part No. **TRS00**

Pack 1

## CONSERVATORY KITS

★★

### Starter Kit

For cleaning with a telescopic pole. Contains ideal basic equipment for glass cleaning and conservatory cleaning with a telescopic pole.

### Complete Kit

Includes tools to effortlessly clean conservatories, patio roofs, glass extensions and other areas that are difficult to access.



Illustration similar

### CONSERVATORY KITS

#### STARTER KIT

#### COMPLETE KIT

ED450	OptiLoc telescopic pole, 3 sections, 4,50 m		✓
EZ120	OptiLoc telescopic pole, 2 sections, 1,25 m	✓	
VP350	VisaVersa® 35 cm	✓	✓
MF40L	MicroWipe microfibre cloth 40 x 40 cm	✓	✓
MF40E	MicroWipe microfibre cloth Lite 40 x 40 cm		✓
FG050	UNGER's Gel window cleaning soap 0,5 l		✓
COBW0	StarDuster® Cobweb 20 cm		✓
Part No.		<b>AK131</b>	<b>AK130</b>
Pack		1	1



# STINGRAY

## The most efficient indoor cleaning tool ever!

Recent research indicates that when cleaning indoor windows, cleaning professionals face 2 key challenges – efficiency and safety. Current tools lead to time consuming issues, like re-arranging of furniture and reaching high or unusually positioned windows\*. Current solutions to these issues lead to more wasted time and the risks associated with the use of ladders. Moreover, for the least experienced need for intensive staff training create additional problems. Introducing the revolutionary **UNGER Stingray**, the most efficient indoor cleaning tool ever. It cleans windows up to 25 % faster and uses up to 39 % less chemical than traditional methods.\*\*

The **UNGER Stingray** system stands for excellent results even without professional window cleaning experience. Its highly intuitive design requires minimal operator training and it is suitable for most washable surfaces!

### Increased productivity, greater cost efficiency and sustainability because:

- ▶ 25% faster than traditional methods\*\*
- ▶ 39 % less liquid consumption\*\*
- ▶ Numerous ergonomic benefits improve workers' comfort and safety – less downtime and health risks!
- ▶ Perfect for daytime cleaning: no drips and no runs = no mess and health risks!

\*Source: Market Research – Professional Window Cleaners. Germany/UK, 2015, SR Strategy Routes

\*\*compared to traditional spray and cloth cleaning [Source: "Interior Glass Cleaning", 16.07.15, Sabine R. Mück, Hygiene Consult Mück]



INDOOR WINDOW CLEANING

# INDOOR WINDOW CLEANING STINGRAY SYSTEM

## ► FASTER

25 % faster than traditional methods\*\*

- **One step** “Apply and Clean” Technology
- Microfibre **TriPad** for simultaneous cleaning of windows & frames
- Enclosed spray nozzle design prevents over-spraying, eliminating drips, streaks and the rework associated with wet window sills
- 15 % larger pad size saves time via reduced frequency of pad change (compared to traditional pads e.g. **UNGER PHL20**)



## ► TOTAL FLEXIBILITY

Mastering every challenge with a single tool

- Unique triangular **TriPad** shape makes it easy to clean corners and other hard to reach areas
- **Easy-Click-Pole technology** – simply add on another pole extension to reach heights of up to 5 m!



## ► ERGONOMIC AND SAFE

Comfortable and safe working up to 5 m

- Enclosed spray nozzle prevents inhalation of cleaning liquid
- Triangular pole shape facilitates enhanced grip for perfect control
- Stingray’s weight distribution is towards the cleaning surface, so it is easy to use and minimizes back strain
- Battery powered sprayer helps to reduce operator fatigue



## ► INCREDIBLE EASE-OF-USE

Professional results with minimal training

- **Stingray**: Ready-to-use, easily replaceable pouches, pre-filled with professional glass cleaner
- **Stingray OS**: Removable tank. Can be quickly and flexibly filled with all alcohol-based glass and surface cleaners and with pure water
- Spray activation button on each **Easy-Click-Pole** as well as on the handheld unit – press & play!
- **QuikPad** Fast change + prevents cross-contamination



# INDOOR WINDOW CLEANING STINGRAY SYSTEM



Quality Tools for Smart Cleaning

## Stingray OS - More flexible than ever

### Stingray OS with removable tank.

Can be filled with alcohol-based glass and surface cleaners and with pure water



#### REMOVABLE TANK

- Can be filled with alcohol-based glass and surface cleaners and with pure water
- Large opening for easy filling: ready to use in seconds
- 150 ml tank can cover up to 150 m<sup>2</sup>



#### Stingray OS TANK



- Removable 150 ml tank.**
- Double intake manifold for perfect function at every angle
  - Drip-proof due to integrated leakage protection

Part No.	Size	Pack
SRBT1	150 ml	1

#### Stingray INDOOR CLEANING KIT 100 OS

**Stingray OS with one short Easy-Click-Pole**  
**Contents:** 1 × Handheld unit (includes 2 × Alkaline AA batteries)  
 1 × SREXS Easy-Click-Pole-short  
 2 × SRPD2 Deep Cleaning Microfibre TriPads\*

Part No.	Size	Pack
SRK02	up to 1,00 m length (extended)	1



#### Stingray INDOOR CLEANING KIT 330 OS

**Stingray OS with two long and one short Easy-Click-Poles**  
**Contents:** 1 × Handheld unit (includes 2 × Alkaline AA batteries)  
 2 × SREXL Easy-Click-Poles-long, 1 × SREXS Easy-Click-Pole-short  
 2 × SRPD2 Deep Cleaning Microfibre TriPads\*

Part No.	Size	Pack
SRK03	up to 3,27 m length (extended)	1



#### Stingray INDOOR CLEANING KIT 450 OS

**Stingray OS with one short + three long Easy-Click-Poles**  
**Contents:** 1 × Handheld unit (includes 2 × Alkaline AA batteries)  
 3 × SREXL Easy-Click-Poles-long, 1 × SREXS Easy-Click-Pole-short  
 2 × SRPD2 Deep Cleaning Microfibre TriPads\*, 1 × SRBAG Bag

Part No.	Size	Pack
SRK0H	up to 4,37 m length (extended)	1

\*90 % polyester, 10 % polyamide



# INDOOR WINDOW CLEANING STINGRAY SYSTEM



## Stingray GLASS DEEP CLEANING TRIPAD

### Microfibre Cleaning Pads

- Superb cleaning power thanks to premium microfibre
- Including colour coding stripes
- Elastic bands for secure fit and easy assembly
- 5 pads in a box (= minimum order quantity)
- Size: 25 x 25 x 25 x 2,50 cm, machine washable up to 300 times

Part No.	Material	Pack
SRPD2	90 % polyester, 10 % polyamide	5



## Stingray QUIKPADS

### Hygienically clean without having to launder

- Quickly and safely removes fingerprints, grease, etc.
- Optimal for preventing cross contamination
- Coverage per QuikPad: 15 m<sup>2</sup>
- 3-layer construction: cleaning layer, absorbent core, and fastening layer
- Adapterplate (SRADK) for subsequent conversion of Stingray hand tools
- Quick and easy pad change

Part No.	Version	Material	Pack
SRADK	1 x Adapter, 25 x QuikPads	54 % polyester, 46 % viscose	1
SRPD3	Pack of 25	54 % polyester, 46 % viscose	1
SRPD4	Pack of 100	54 % polyester, 46 % viscose	1



## Stingray QUIK PAD KIT 160 OS

### Stingray with one long Easy-Click-Pole

- Contents:** 1x Handheld unit (includes 2 x Alkaline AA batteries)  
1x SREXL Easy-Click-Pole-long  
1x SRADK Adapter with 25 QuikPads

Part No.	Size	Pack
SRKOD	up to 1,66 m length (extended)	1



## Stingray EASY-CLICK-POLES

### Extends the Stingray unit by 1,24 m

- Reinforced for a working height of up to 5 m.
- Triangular shape for enhanced grip
- Light, rigid aluminium, features Easy-Click mechanism and spray activation button

Part No.	Size	Pack
SREXS	0,63 m	1
SREXL	1,24 m	1

## For Stingray OS



## Stingray OS GLASS CLEANER

### Professional Glass Cleaner

- Excellent cleaning power for glass, mirrors, and other waterproof surfaces
- Easy removal of fingerprints, grease, and other dirt
- Fast and streak-free drying

Part No.	Content	Pack
SRL03	0,5 l	10

## While stocks last

## For Stingray



## Stingray GLASS CLEANER

### Professional Glass Cleaner powered by 3M Scotchgard™

- Easy gliding, quick drying - high efficiency
- Cleaning power up to 150 m<sup>2</sup> (at low to medium polluted surfaces)
- Cleans and protects glass and other silica-based surfaces such as uncoated granite, ceramic and porcelain
- Also cleans but may not protect other surfaces such as stainless steel, chrome, aluminum, plastic, acrylic glass, etc.
- 24 pouches (150 ml) in a box (= minimum order quantity)

Part No.	Content	Pack
SRL01	150 ml	24



## Stingray BAG

### Lightweight nylon bag for storage and transportation of your complete Stingray System.

- Zip fastening allows bag to open flat
- Multiple fasteners and pockets for additional tools

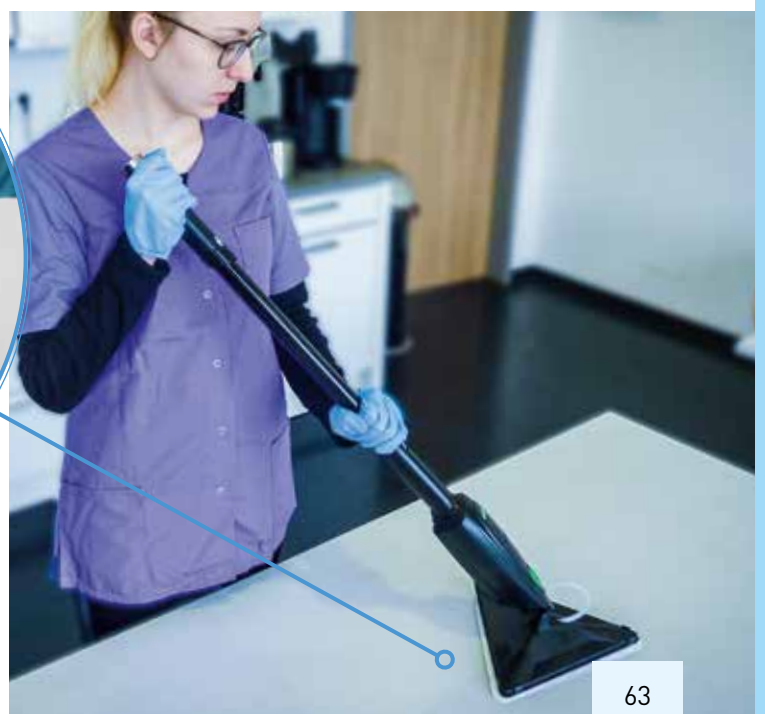
Part No.	Size	Pack
SRBAG	130 x 33 x 5 cm	1

# Disinfection of surfaces with Stingray OS

With the **Stingray OS** UNGER offers a solution for the in-between disinfection of surfaces. The integrated tank is ideal for using disinfectants on larger smooth and water-resistant surfaces, e.g. tables.

## APPLICATION RECOMMENDATION:

- Moisten the **QuikPad** in a circular movement for 20 seconds
  - Movement across the surface with the activation button pressed continuously
  - Make sure that the surface is sufficiently wetted with the disinfectant
  - Replace the **QuikPad** at regular intervals to avoid the spread of germs
  - Important: Follow the instructions for use of the disinfectant and adhere to the product times/exposure times and quantities
- Fold the **QuikPad** when changing: pull an overlapping corner inwards and then pull off the **QuikPad** so that the side you are using is not touched



# INDOOR WINDOW CLEANING CLEANING SYSTEM



## MICROFIBRE CLEANING PAD

**Extra smooth, easy glide microfiber pad for regular cleaning.**

- Removes dust, fingerprints, grease and other light dirt from glass
- Strong hooks & loops backing for attaching to Pad Holders PHH20 and PHD20

Part No.	Size	Material	Pack
PHL20	27 cm	70 % polyester, 30 % polyamide	5



## MICROFIBRE POLISH PAD

**Microfiber polish pad for regular cleaning.**

- Removes dust, fingerprints, grease and other light dirt from glass and mirrors
- Strong hooks & loops backing for attaching to Pad Holder PHH20 & PHD20

Part No.	Size	Material	Pack
PHP20	27 cm	70 % polyester, 30 % polyamide	5



## MICROFIBRE WASH PAD

**Microfiber wash pad for periodic washing and heavy soil.**

- 15 mm long, thick fibres easily remove tough dirt
- Strong hooks & loops backing for attaching to Pad Holder PHH20 & PHD20

Part No.	Size	Material	Pack
PHW20	29 cm	100 % polyethylene	5



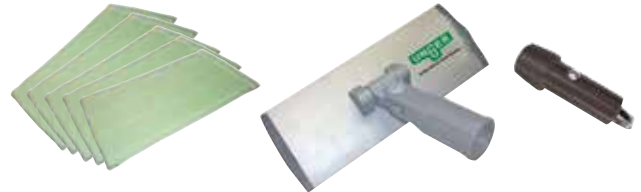
## SCRUB PAD, WHITE

**Abrasive scrub pad for removing tough dirt.**

- Removes stubborn dirt, ideal for outdoor cleaning
- Reliably sticks to the backing of Pad Holder PHH20 & PHD20

Part No.	Size	Material	Pack
OPS20	25 cm	100 % polyester	10

## STARTER SET



## INDOOR CLEANING STARTER SET

**Content:**  
 PHL20 (5x) Microfibre Cleaning Pad 27 cm  
 PHH20 Pad Holder 24 cm  
 AFAET Thread adapter for Alu-Poles

Part No.	Pack
PFK20	1



## PAD HOLDER (HANDHELD)

**Aluminium handheld holder for indoor cleaning pads.**

- Hooks & loops backing for attaching the pads
- Designed to enable perfect pressure application for thorough and precise cleaning
- Easy to use

Part No.	Size	Pack
PHD20	24 cm	5



## PAD HOLDER

**Aluminium swivel head holder for indoor cleaning pads.**

- Hooks & loops backing for attaching the pads
- Swivel function allows access to hard to reach places
- Fits securely on all UNGER poles with thread

Part No.	Size	Pack
PHH20	24 cm	5



## THREAD ADAPTER FOR ALU-POLES

**Anodized aluminium adapter for fitting the Pad Holder to aluminium poles.**

- Fits into any UNGER aluminium pole with 21mm diameter - just click in
- Enables connection between aluminium poles and MultiLink Goosenecks, Extensions and Brushes

Part No.	Pack
AFAET	5



## SPRAYER ON A BELT

**Fits to the belt for optimum weight support.**

- Flexible hose allows upside down spraying
- 1 l bottle included
- Compatible with standard bottles
- Includes colour coding labels

Part No.	Content	Pack
SOABG	1 l	5



## NiftyNabber® – Grabber and Bagger System

Perfect for eco-friendly waste removal, indoor and outdoors, in industrial or domestic environment.

Durable, ergonomic and reliable **UNGER** grabbers are also perfect for easy reach and bend-free pick up of many daily objects.



UNGER.

# LITTER PICKING & REACHING AIDS

## Nifty Nabber® Trigger Grip

Durable litter picker with a strong internal metal bar, a 360° fully rotating head and a highly responsive trigger grip handle. Available in 4 lengths.

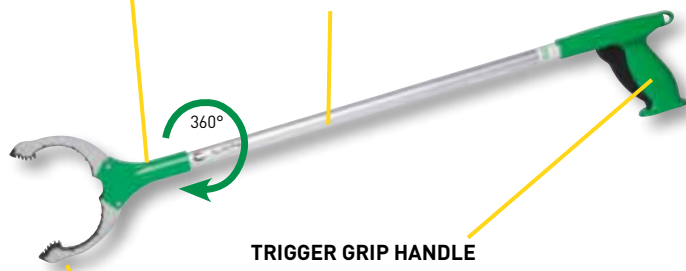


### ROTATING HEAD

- Access narrow areas with 360° rotating head.
- Locks securely every 90°.

### ROBUST METAL BAR INSIDE

- For extra durability and grab power.
- Will not stretch or snap, like string mechanism on other grabbers.
- Durable and rust-resistant. Lightweight, designed to decrease fatigue.



### TRIGGER GRIP HANDLE

- Responsive mechanism for greater comfort.
- Made with glass-reinforced plastic for increased durability.



### RUBBER CLAWS WITH MAGNETIC TIP

- Reliable grip even with most difficult shapes.
- Opens up to 10 cm wide and holds items up to 2 kg.
- Hold items with the claw's magnetic tip – like coins and cans!

## Nifty Nabber® Pro

A heavy duty litter picker with a strong internal metal bar, powerful claws and robust steel shaft. Available in 4 lengths, including 2,38 m long reach version!

### STEEL CLAWS

- Molded rubber overlay for an extra-secure grip.
- Powerful hold of small or oddly shaped objects – broken glass, cigarettes or coins.
- Opens up to 15 cm wide.



### ERGONOMIC HANDLE

- Comfortable pressure handle – creates high pressure to hold dirt without tiring your hand.
- The handle design keeps your hand and arm in an optimum position to pick up objects from the floor.

### RUGGED DESIGN

- Shaft made from durable steel with rust resistant coating for dependable use over long time.
- Strong enough for heavy-duty work, light enough to protect from back and arm strain. Holds items up to 4,5 kg.
- Overall steel construction wears well under the rigours of every day use.

### NiftyNabber® TRIGGER GRIP

Part No.	Size	Pack
NT060	63 cm	5
NT080	83 cm	5
NT090	93 cm	5
NT100	102 cm	5



### NiftyNabber® PRO

Part No.	Size	Pack
NN400	52 cm	5
NN900	97 cm	10
NN140	130 cm	5
NN960	238 cm	6

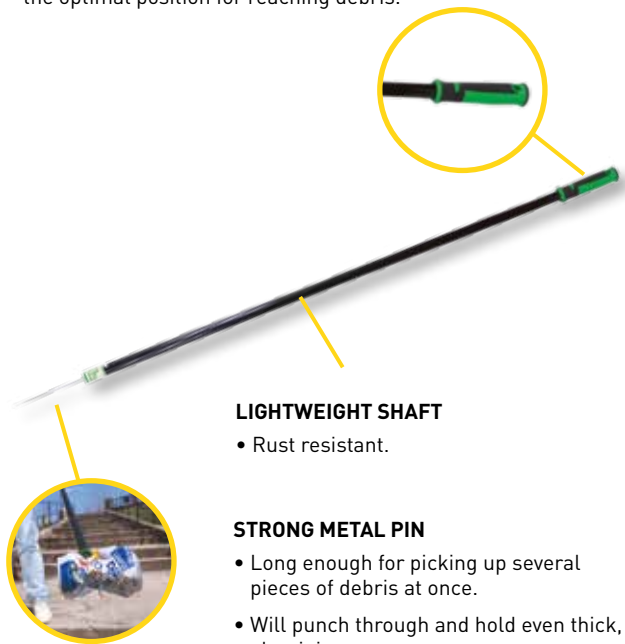


## Paper Picker

A lightweight tool with a strong metal pin for removing debris such as paper and cans.

### ERGONOMIC DESIGN

- No bending or back strain.
- Handle design positions arm and hand in the optimal position for reaching debris.



### LIGHTWEIGHT SHAFT

- Rust resistant.

### STRONG METAL PIN

- Long enough for picking up several pieces of debris at once.
- Will punch through and hold even thick, aluminium cans.

## Nifty Nabber® Bagger

A durable and weatherproof waste carrier for 180 l bags that is a great multi-tasking alternative to plastic bags and the perfect companion to **UNGER**'s super tough litter pickers.

### ERGONOMIC

- Allows to avoid unnecessary bending or lifting heavy bags.
- Always open for easy and safe access without touching litter.
- Made of robust material for reduced injury risk from sharp waste.



### ROBUST

- Can be pulled across the floor, asphalt or ground due to solid plastic bottom and carry loops.
- Protects plastic bags from splitting.
- Carries up to 29.5 kg.

### PRACTICAL

- Allows to avoid unnecessary bending or lifting heavy bags.
- Always open for easy and safe access without touching litter.
- Made of robust material for reduced injury risk from sharp waste.

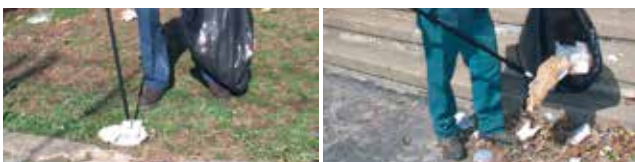


### PAPER PICKER

Part No.	Size	Pack
PPPP0	100 cm	10
PINP0	Replacement Pin Plugs for Picker	10

### NiftyNabber® BAGGER

Part No.	Size	Ø	Height	Colour	Pack
NB300	151 l	55 cm	68 cm	●	1









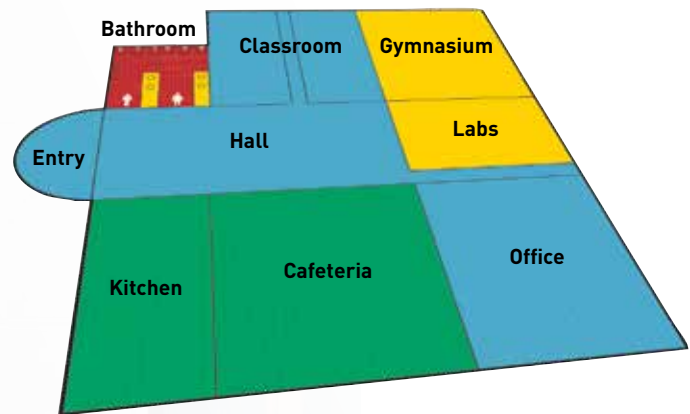
# Professional Tools for daily and project cleaning tasks

## Efficient, Ergonomic, Hygienic

**UNGER** Maintenance Cleaning tools provide simple solutions for many cleaning tasks. They help professionals to perform their job better, faster and easier.

Their ergonomic design and state of the art functionality ensure full compliance with modern cleaning requirements.

**COLOUR CODING** Products are coded or can be coded for usage in specific area.



### RECOMMENDED USAGE

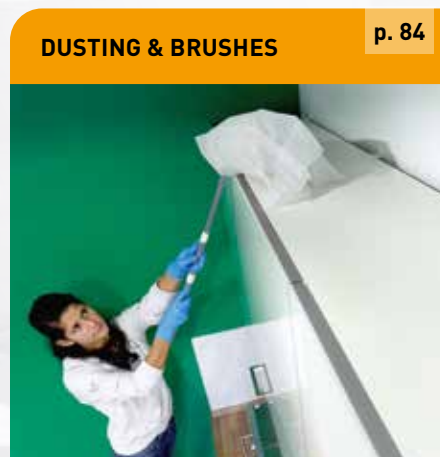
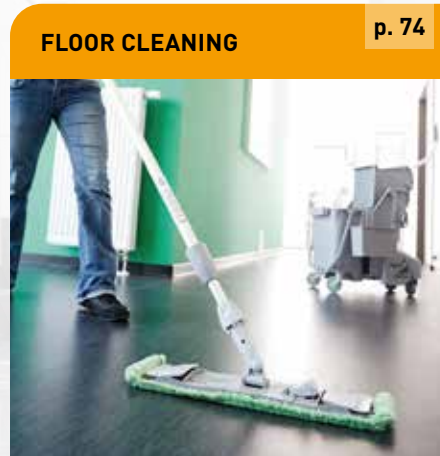
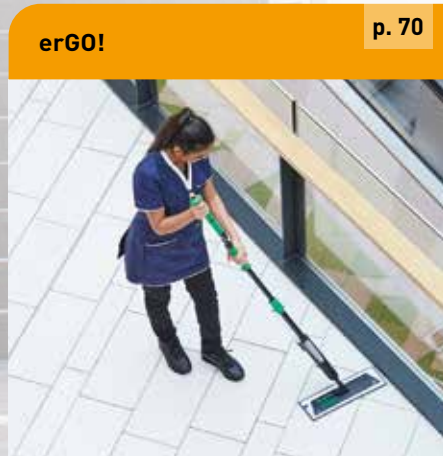
● General Washroom

● Clinical

● Food and Bar Area

● General Low Risk Area

○ Bespoke or Site Specific



# FLOOR CLEANING erGO! clean



## erGO! clean

## Feel the intuitive motion

### Discover the intuitive S-shape motion with minimal effort: the ultrafast floor cleaning system

Dirt and contamination can quickly be caused by minor mishaps in day-to-day business life. A drink spill on the floor does not create a good impression and, in the worst-case scenario, if someone stands in it, it may well be spread elsewhere. Precious time passes before the cleaning staff can get their cleaning tools together and be on-site. But the **UNGER erGO! clean** – being fast, ergonomic and professional – will put an end to this.



#### READY-TO-GO AT ANY TIME AND ANYWHERE

- Ready-to-use immediately
- No lengthy preparation, such as filling buckets, required
- Cleaning chemicals can be replaced in a matter of seconds.

#### INCREASED PRODUCTIVITY WITH FATIGUE-FREE WORK

- Reduces the extreme strain placed upon employees and prevents work-related musculoskeletal diseases
- No lifting and carrying of heavy buckets
- Significantly less effort required for use

#### A TOP-QUALITY PROFESSIONAL TOOL

- First-class materials guaranteeing a long service life
- Robust tool for long-term use
- Sophisticated product design for intuitive handling



Tested by:





# FLOOR CLEANING & FLOOR FINISHING

## erGO! clean & erGO!wax

**UNGER**

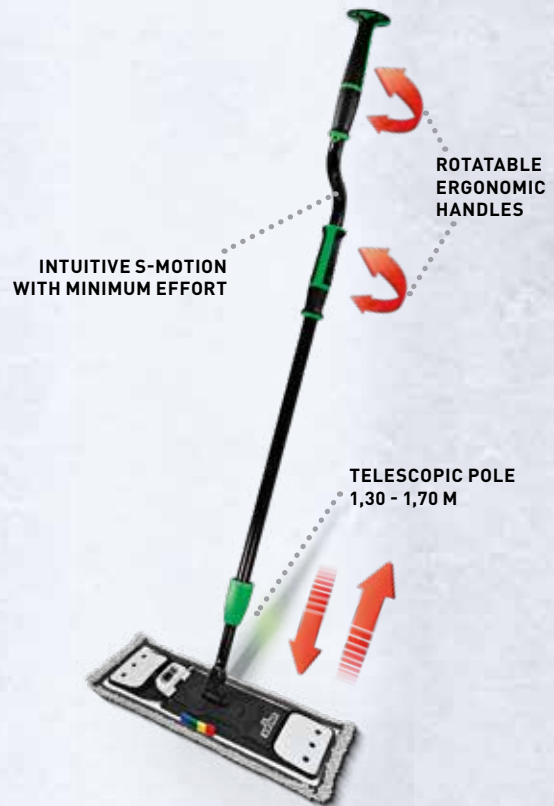
Quality Tools for Smart Cleaning

## erGO! clean

### The intuitive S-motion now in series!

#### Performance without limits!

After the great success of the erGO! clean with integrated trigger and detachable tank, our back and joint friendly innovation is now compatible with all UNGER floor cleaning systems: The S-Telescopic pole.



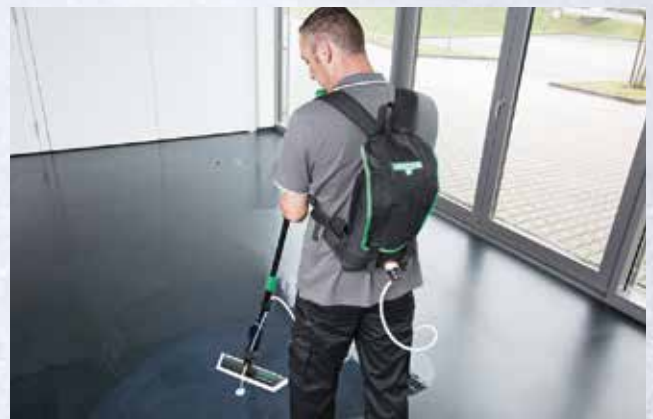
## erGO! wax

### More efficient than ever before!

#### Ultra-fast & ergonomic with just one person

Professionally coat resilient floor coverings such as linoleum and PVC. Work with the UNGER erGO! wax floor coating system continuously and without any interruption thanks to the backpack with 5-liter capacity. Achieve perfect working results with an even application of the cleaning agent by the blockage-free pulse spray system – which also guarantees precise dosing.

The telescopic handle of the UNGER erGO! wax floor coating system can be precisely adjusted to the height of the operator which protects his/her back during cleaning work. The rotateable grip ensures an easy and stress reducing working movement. Available in S-curved and straight version.



Backpack, incl. Replacement Pouch, Hose and Pulse-Jet-Unit

#### INCREASED PRODUCTIVITY THANKS TO CONTINUOUS WORK WITHOUT INTERRUPTION

- Finishing work with just one person
- No lifting or carrying heavy buckets
- Protects employees against high levels of strain and job-related diseases of the musculoskeletal system

#### A PROFESSIONAL TOOL GUARANTEEING TOP WORKING RESULTS

- Lint free and non-soaking sleeve for easy and perfect distribution of the finishing fluid



# FLOOR CLEANING & FINISHING

## erGO! clean & erGO! wax

### erGO! clean



#### erGO! clean KITS WITH TANK

Product/PART. NO	Floor-Cleaning-Kit Cleaning Pad FAKT1	Floor-Cleaning-Kit Cleaning Pad PRO FAKT2	Floor-Cleaning-Kit Pocket Mop FAKT3
S-Telescopic Handle FAEPL		✓	
Telescopic Handle FASPL	✓		✓
Mop Pad Holder & Cleaning Pad 40 cm FAVMH / FAVMC	✓	✓	
Pocket Mop Holder & Pocket Mop 40 cm FAPMH / FAPMM			✓
Tank 500 ml & Colour Coding Rings FABTS / FAORS	✓		
Tank 1.000 ml & Colour Coding Rings FABTL / FAORS		✓	✓

### erGO! clean

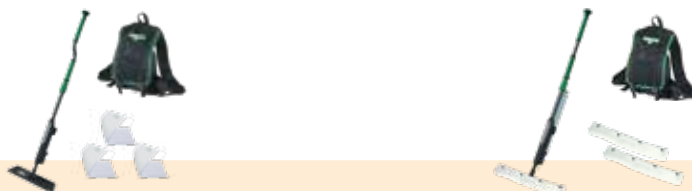


#### erGO! clean KIT WITHOUT TANK

Product/PART. NO	Flat Mop Starter Kit FAKT8
S-Telescopic pole without trigger FAPLW	✓
Pocket mop holder 40 cm FAPMH	✓
Flat mop 40 cm FAPML	✓
Pocket mop 40 cm FAPMM	
Mop Pad Holder 40 cm FAVMH	
Cleaning Pad 40 cm FAVMC	
SmartColor Combo 15l, grey COMSG	✓



### erGO! wax



#### erGO! wax KITS

Product/PART. NO	Floor-Finishing-Kit Finishing Pad FAKT5	Floor-Finishing-Kit WonderWaxer FAKT6
S-Telescopic Handle FAEPL	✓	
Telescopic Handle FASPL		✓
Pocket Mop Holder 40 cm FAPMH		
Mop Pad Holder & Finishing Pad 40 cm FAVMH / FAVMF	✓ / 3 x	
WonderWaxer Holder & Sleeve 40 cm QS020 / QS010		✓ / 3 x
Tank 1.000 ml FABTL		✓
Backpack 5 l FABAP	✓	✓



### erGO! TELESCOPIC HANDLE

#### Ergonomic floor handle with rotateable grip

- FAEPL/FAPLW: Supports intuitive S-shape motions
- FAEPL/FASPL: Blockage-free pulse jet system for precise dosing and integrated dosing lever

Part No.	Size	Version	Pack
FAPLW	1,30 - 1,70 m	S-Shape w/o tank	1
FAEPL	1,30 - 1,70 m	S-Shape w/ tank holder	1
FASPL	1,30 - 1,70 m	Straight w/ tank holder	1

### erGO! MOP HOLDERS



#### Cleaning Pad and Pocket Mop Holders 40 cm

- Cleaning Pad: for any looped pile flat mop, quick & easy operation
- Pocket: for any standard pocket mop or UNGER flat mop
- Click connection for erGO! handles

Part No.	Size	Version	Pack
FAVMH	40 cm	Cleaning Pad	5
FAPMH	40 cm	Pocket Mop	5



### erGO! CLEANING MOPS

#### Cleaning Pad, Pocket- and Flat Mop 40 cm

- High quality microfibre pile mops for easy glide and superb cleaning action
- Compatible to all standard systems
- Incl. colour coding stripes

Part No.	Size	Product	Pack
FAVMC	40 cm	Cleaning Pad*	5
FAPMM	40 cm	Pocket Mop*	5
FAPML	40 cm	Flat Mop*	5

\*100 % polyester microfibre

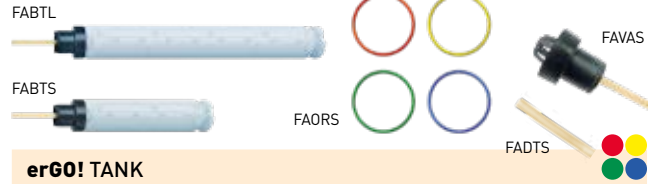
### erGO! DISPOSABLE PAD MOPS

#### For hygienic cleaning and disinfection.

- No washing and preparation of mops necessary
- Material with high fluid absorption - versatile application
- Avoids cross-contamination when changing mops after use
- Uniform application of surface disinfectants
- Hooks & Loops backs for all common Cleaning Pad holders such as erGO! (FAVMH) or DampMop Pad holder (SV40G)

Part No.	Size	Material	Pack
DMWS2D	40 cm	Blended fabric*	50

\*38 % polyester, 22 % viscose, 40 % other synthetic materials



### erGO! TANK

#### Easy connection tanks for erGO! handles

- 2 versions 500 ml or 1.000 ml capacity
- Including unscrewable pulse jet unit
- Easy to fill, easy to assemble and to the handle

Part No.	Size	Product	Pack
FABTL	1.000 ml	Big Tank	1
FABTS	500 ml	Small Tank	1
FAORS	1 pack = 4 pieces	Colour Coding Rings	1
FAVAS		Pulse Jet Unit	1
FADTS	1 pack = 5 pieces	Dispenser tube	1

### erGO! WonderWaxer HOLDER



#### Light aluminium holder for WonderWaxer sleeve 40 cm

- Stabilisation hooks for straight fit of the sleeve
- For floor finishing
- Click connection for erGO! handles

Part No.	Size	Pack
QS020	40 cm	5



### erGO! WAX SLEEVE/FINISHING PAD

#### WonderWaxer sleeve and Finishing Pad 40 cm

- Perfect for finishing floors
- Distributing wax without soaking it up
- Up to 300 wash cycles
- Lint-free material for perfect results

Part No.	Size	Product	Pack
QS010	40 cm	WonderWaxer**	10
FAVMF	40 cm	Finishing Pad*	5

\*100 % polyester microfibre

\*\*65 % polypropylene, 35 % polyester



### erGO! BACKPACK 5 L

#### For transportation of finishing or cleaning chemicals

- Strong nylon backpack with solid 5 l plastic pouch
- Available filling utilities like hose and canister valves
- Connection hose incl. pulse-jet-unit to connect the backpack with the erGO! handle

Part No.	Size	Product	Pack
FABAP		Backpack	1
FABAR	5 l	Pouch	5
FABAH		Connection Hose	1
FABAK		Refill Kit	1

# FLOOR CLEANING

## DOUBLE BUCKET



## Floor cleaning more efficient, hygienic and safer than ever before

- Compact and lightweight double bucket for damp and wet mopping of floors.
- Ergonomic floor mopping and wringing out of the mop without bending down.
- The intuitive two-chamber system ensures hygienic cleaning results by excluding the re-application of the dirty water.
- Effective mop preparation with visual inspection – without touching it.

### HYGIENIC CLEANING AND HIGHER PRODUCTIVITY



**Hygiene:** 2 times more effective at removing microbes\* than traditional floor cleaning systems.



**Efficiency:** Over 40 % faster\* than conventional floor cleaning systems



**Safety:** Cleaned surfaces dry twice as fast\* and therefore minimize the risk of accidents

\*Independent test report from Sitemark® FM Best Practice Benchmarking, September 2020



#### PATENTED WRINGING MECHANISM

removes any remaining dirt particles from the microfibre pad, thus ensuring clean water and increased cleaning performance

#### ERGONOMIC POLE

height-adjustable and anti-slip handles with soft zones

#### BUCKET FOR CLEAN WATER

Guidance with splash protection prevents spilling over during transport

#### SCRUB BOARD

removes dust and other debris from the microfibre pad before wringing

#### BUCKET FOR DIRTY WATER

separate bucket for water with all dirt and dust particles



### OmniClean SPOT CLEANING KIT

For selective cleaning of small to medium-sized areas

#### Content:

- OmniClean S telescopic handle with tank and release mechanism
- OmniClean Pad mop holder 40 cm
- 2 x OmniClean microfibre pads 40 cm (CLMFPD)
- erGO! Tank 1000 ml (FABTL)
- erGO! Tank 500 ml (FABTS)
- Retaining clip for two erGO! Tanks
- OmniClean Cart with curved handle and hanging pocket
- 2 x Storage container
- 6 l bucket with integrated scrub board (dirty water)
- Labels for colour coding
- Telescopic dust pan (EDTBG)

Part No.	Pack
CLSPKD	1



### OmniClean INTENSIVE CLEANING PAD MOP

#### Microfibre mop 40 cm

- High cleaning power thanks to microfibres and scrubbing fibres
- Hooks & loops back for quick and precise installation on the pad mop holder
- Colour coded stripes for cutting

Part No.	Dimension	Material	Pack
CLMFPD	40 cm	100% polyester	5

### OmniClean DOUBLE BUCKET KIT

For damp and wet mopping of medium to large areas

#### Content:

- OmniClean Telescopic handle without tank, straight
- OmniClean Pad mop holder 40 cm
- OmniClean Microfibre pad 40 cm (CLMFPD)
- OmniClean Cart with straight handle
- Bucket 6 l (clean water)
- 6 l bucket with integrated scrub board (dirty water)
- Labels for colour coding

Part No.	Pack
CLBK1D	1



# FLOOR CLEANING

## DOUBLE BUCKET



Quality Tools for Smart Cleaning



### SmartColor COMBO 30 L



#### Complete dual bucket with press.

- Two compartments keep clean and dirty water separated
- Emptying via drain spout and dump spout
- Labels included for colour coding
- Complete with vertical press
- Available accessories: Adapter hose WH180

Part No.	Content	Colour	Pack
COMBG	30 l	●	1



### SmartColor COMBO 15 L



#### Compact complete dual bucket with press.

- Two compartments keep clean and dirty water separated
- Labels included for colour coding
- Complete with vertical press
- Available accessories: Adapter hose WH180, side bucket SMSBG

Part No.	Content	Colour	Pack
COMSG	15 l	●	1

While stocks last



### SmartColor FLOOR CLEANING SET



#### The convenient floor care sets.

- Perfect for professional floor care
- Complete with UNGER SmartColor Mop Holder SM40G and Telescopic Handle MS18G
- SF14G Set also includes large 30 l dual bucket
- Select a floor mop from our wide range of colour coded products

Part No.	MS18G	SM40G	COMBG	Pack
SC14G	●	●		1
SF14G	●	●	●	1



### EASY ADAPTER WATERHOSE

#### Heavy duty adapter hose for dual bucket.

- Fits on every standard water tap
- Allows for convenient filling of bucket on-site

Part No.	Size	Pack
WH180	180 cm	10



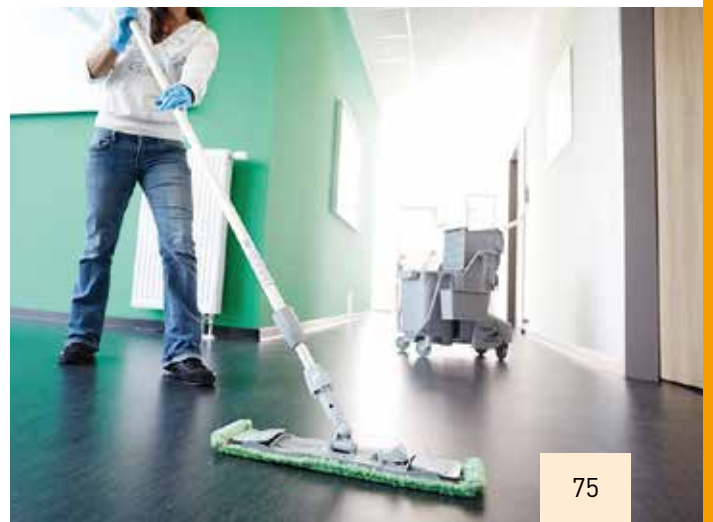
### SmartColor SWIVEL BRUSH & SmartColor SWIVEL CORNER BRUSH



#### Perfect for corners, edges of floors, walls and partitions.

- Durable polypropylene bristles remove even severe dirt
- Swivel head is easy to maneuver and reduces bending and over-reaching
- Angled bristles provide optimal cleaning of corners and edges
- Labels included for colour coding
- ACME threaded handle socket

Part No.	Size	Pack
SB20G	20 x 8 cm	10
CB20G	22 cm	10



# FLOOR CLEANING

## MICROFIBRE MOPS & MOP HOLDER



### SmartColor FLAT MOP HOLDER

Swivel head mop holder with the new "no spin" design.

- UNGER mops fit securely with holding clips and can stay on during wringing
- Large surface provides more direct cleaning contact, more scrubbing pressure
- Reduces cleaning time by up to 10 % and reaches in all corners
- Folds at the push of a button, for wringing or replacing mop
- Handle socket for cones or handles with 21 and 23 mm diameter, respectively

Part No.	Size	Ø	Colour	Pack
SM40G	40 cm	21-23 mm	●	5

### SmartColor MICRO MOP 15.0



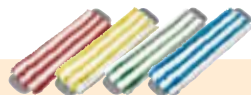
Durable microfibre mop, ideal for tiles and stone floors with grout lines.

- Heavy duty 15 mm long fibres with large surface area
- Cut microfibre for improved dirt absorption and streak-free cleaning
- Reduces bacterial contamination by up to 96 %
- Holds 6 times its own weight in water - perfect for cleaning large areas
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

Part No.	Size	Colour	Material	Pack
MM40R	40 cm	●	Microfibre*	5
MM40Y	40 cm	●	Microfibre*	5
MM40G	40 cm	●	Microfibre*	5
MM40B	40 cm	●	Microfibre*	5

\*Support material: 100 % polyester; Fibres: 100 % polyester

### SmartColor MICRO MOP 7.0



Microfibre mop, ideal for vinyl or sealed floors without grout lines.

- 7 mm long fibres
- Cut microfibre for improved dirt absorption and streak-free cleaning
- Reduces bacterial contamination by up to 96 %
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

Part No.	Size	Colour	Material	Pack
MD40R	40 cm	●	Microfibre*	5
MD40Y	40 cm	●	Microfibre*	5
MD40G	40 cm	●	Microfibre*	5
MD40B	40 cm	●	Microfibre*	5

\*Support material: 100 % polyester; Fibres: 100 % polyester

### SmartColor SPILL MOP 1 L



Microfibre mop for absorption of large amounts of liquid.

- 14 mm long microfibres, extra-large surface
- Absorbs up to 1 l liquid immediately
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

Part No.	Size	Colour	Material	Pack
MA45R	47 x 21 cm	●	Microfibre*	5
MA45Y	47 x 21 cm	●	Microfibre*	5
MA45G	47 x 21 cm	●	Microfibre*	5
MA45B	47 x 21 cm	●	Microfibre*	5

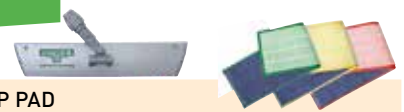
\*Support material: 100 % polyester; Fibres: 100 % polyester



### BENEFITS OF USING UNGER'S 100 % MICROFIBRE MOPS

- Clean with less water, less chemicals and less streaking
- Reduces bacterial contamination up to 96 % compared to traditional mop heads
- Long lasting and durable, withstands up to 500 wash cycles

White stocks last



### SmartColor DAMP MOP PAD

Microfibre pad with high density looped pile for streak free results.

- Machine washable up to 500 times
- Uses less water and solution so floors dry quicker
- Attaches to Pad Holder with hooks & loops backing
- Use with SV40G DampMop Pad Holder or any standard 40 cm Pad Holder + erGO! Pad Mop Holder FAVMH
- Swivel head Pad Holder - glides easily across floors

Part No.	Size	Colour	Material	Pack
DV40R	50 cm	●	Microfibre*	5
DV40Y	50 cm	●	Microfibre*	5
DV40G	50 cm	●	Microfibre*	5
SV40G	50 cm		DampMop Pad Holder	5

\*Support material: 100 % polyester; Fibres: 100 % polyester

# FLOOR CLEANING

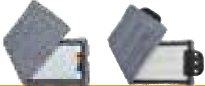


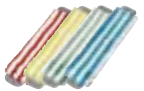




## MICROFIBRE MOPS & MOP HOLDER



Quality Tools for Smart Cleaning

### PRODUCT GUIDE - FLOOR CLEANING - WET & DAMP MOPPING

Our product guide below will help you to identify the best set of tools for keeping the floor perfectly clean.

Mops / Pads p. 73-76	Ceramic Tiles	Natural Stone (Granite, Marble, Slate)	Flexible Coverings (Linoleum, PVC/Vinyl, Rubber)	Laminate	Parquet / Wood	Specific Cases			Mop Holders p. 73-76	Double Buckets p. 74-75
						Cork	Concrete/ Cement	Epoxy Covering		
<b>erGO! clean mops</b> Pocket Flatmop 	✓	✓	Tiles/ On Roll	✓	Sealed*		✓	✓	erGO! Pocket Mop Holder	SmartColor COMBO 15 l/30 l
<b>SmartColor SPILL MOP 1 l</b> 	✓						Sealed*	✓*	SmartColor MOP HOLDER	
<b>SmartColor MICRO MOP 15.0</b> 	✓		On Roll				Sealed*	✓*		
<b>SmartColor MICRO MOP 7.0</b> 			On Roll		Sealed		Sealed	✓*		
<b>erGO! clean Mop Pad</b> 	✓	✓	On Roll	✓	Sealed*		✓	✓	erGO! Mop Pad Holder	
<b>erGO! Disposable Pad Mops</b> 	✓	✓	Tiles	✓	Sealed	✓	Sealed	✓		
<b>SmartColor DAMP MOP Pad</b> 		✓	Tiles	✓	Sealed	✓	Sealed	✓	SmartColor Damp Mop Pad Holder	
<b>OmniClean Mop Pad</b> 	✓	✓	On Roll	✓	Sealed		✓	✓	Omni Clean Mop Pad Holder	










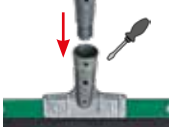
# FLOOR CLEANING

## FLOOR SQUEEGEES

### FLOOR SQUEEGEES

Ideal for commercial cleaning, **UNGER** floor squeegees effectively remove excess water, oil and other liquids from large hard floor areas. Use our product guide below to

identify the right squeegee for specific premises or job requirements.

Squeegee	Dual Blade	Unsealed Concrete	Sealed Concrete	Steel	Industrial Carpet	Tarmac	Marble	Vinyl	Rubble Stone/Stoneware	Rubber Flooring	Tartan Track	Wood (Inside/Outside)	Areas of Application	Rubber	Solvent Resistance*	Oil Resistance**	Acid Resistance	Inserts & Threads	
<b>Sanitary Squeegee + Combi Brush</b> 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Natural rubber (black and natural foam material)	(+)	+	+	ACME thread	 <p>p. 79</p>
<b>WaterWand (black Rubber)</b> 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Black neoprene rubber (Chlorophen, foam material)	(+)	+	+	Universal socket	 <p>p. 79</p>
<b>WaterWand (red Rubber)</b> 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Red neoprene rubber (Chlorophen, foam material)	+	++	++	Universal socket	 <p>p. 79</p>
<b>AquaDozer®</b> 		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Push away high volumes: Water, dirt, waste, shavings, snow	EPDM (Ethylene-propylene-diene)	+	+	+	Conical universal socket	 <p>p. 79</p>

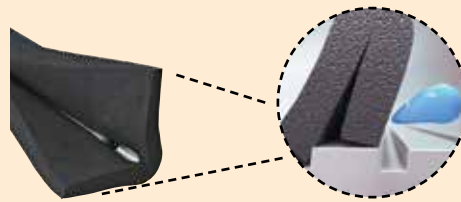
\* Aliphatics, Aromatics, Ketones, Varnishes

\*\* Lubricating Oils, Oils, Gasolines, Essential Oils, Carrier Oils

Floor Handles p. 80

### **i** DOUBLE BLADE

The double blade ensures effective removal of liquid on all types of flat surfaces, even with grooves, tile joints or textured finish.



#### BLACK RUBBER

- All-purpose foam rubber
- Perfect for cleaning in most areas



#### RED RUBBER

- Excellent resistance to oils, acids, greases and solvents
- Ideal for cleaning in factories, garages and vehicle maintenance facilities





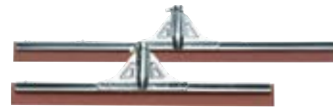
While stocks last

### SANITARY SQUEEGEE

**Squeegee with double blade foam rubber blade, black. ACME thread.**

- Plastic body for increased hygiene
- Acid, rust and scratch proof
- With splashguard

Part No.	Size	Pack
PM45A	45 cm	10
PM55A	55 cm	10



### WaterWand HEAVY DUTY RED

**Reinforced version for heavy duty jobs with double blade red foam rubber, oil and acid resistant.**

- Great for cleaning joints
- Sturdy, zinc plated steel body
- For streak free floor drying

Part No.	Size	Pack
HW550	55 cm	10
HW750	75 cm	10



### SANITARY COMBI BRUSH

**2 tools in one: Brush with polypropylene bristles and squeegee with double blade foam rubber blade, black. ACME thread.**

- Scrubber to remove dirt
- Foam rubber blade for drying floors and joints
- Very sturdy, but lightweight

Part No.	Size	Pack
PB45A	45 cm	10
PB55A	55 cm	10



### WaterWand ACME THREAD INSERT

For all WaterWand squeegees.

Part No.	Pack
FWA10	10



### WaterWand STANDARD

**For lighter jobs with double blade black foam rubber.**

- Great for cleaning joints
- Sturdy zinc plated steel body
- For streak free floor drying

Part No.	Size	Pack
MW450	45 cm	10



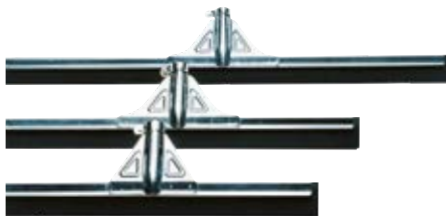
### AquaDozer®

**For heavy duty jobs, black EPDM rubber. Ideal for industrial environment.**

- Sturdy construction
- Solid handle socket

Part No.	Size	Version	Pack
FP600	60 cm	Straight	6
FP900	90 cm	Straight	6
FP60C*	60 cm	Curved	6
FP90C	90 cm	Curved	6

\*While stocks last



### WaterWand HEAVY DUTY

**Reinforced version for heavier jobs with double blade black rubber.**

- Great for cleaning joints
- Sturdy zinc plated steel body
- For streak free floor drying

Part No.	Size	Pack
HM450	45 cm	10
HM550	55 cm	10
HM750	75 cm	10



### AquaDozer® ACME THREAD INSERT

For all AquaDozer®.

Part No.	Pack
FAA10	10

# FLOOR CLEANING

## FLOOR HANDLES

Holder/Squeegee		FAPLW	MS18G	MH140	MH14G	EZ25G	HH13R	AL14A	AL14T	AL140	
Diameter		Ø 21 mm	Ø 21 mm	Ø 23 mm	Ø 23 mm	Ø 21 mm	Ø 21 mm	Ø 25 mm	Ø 25 mm	Ø 25 mm	
Inserts & Threads	Hole										
			Hole for C-Clip	Hole for C-Clip	Hole for C-Clip	ACME Thread	ACME Thread	ACME Thread	ACME Thread	Conical	
	<b>erGO! Pocket Mop Holder</b>	FAPMH	✓	✓		✓	✓				p. 73
	<b>SmartColor Mop Holder</b>	SM40G	✓	✓	✓	✓	✓				p. 76
	<b>erGO! Mop Pad Holder</b>	FAVMH	✓	✓		✓	✓				p. 73
	<b>SmartColor Damp Mop Pad Holder</b>	SV40G	✓	✓	✓	✓	✓				p. 76
	<b>Sanitary Squeegee</b>	PM45A				✓	✓	✓	✓		p. 79
	<b>Sanitary Combi Brush</b>	PM55A PB45A PB55A									
	<b>SmartColor SWIVEL Brushes</b>	SB20G CB20G				✓	✓	✓	✓		p. 75
	<b>WaterWand</b>	MW450 HMxxx HWxxx		✓	✓		+ FWA10	+ FWA10	+ FWA10	✓	p. 79
	<b>AquaDozer®</b>	FP600 FP900						+ FAA10	✓		p. 79



Telescopic + extra piece

### TELESCOPIC HANDLES

#### Ergonomic aluminium telescopic handles.

- Length can be adjusted and secured at any point to suite individual height
- Cone fits all UNGER mop holders
- Labels included for colour coding

Part No.	Size	Ø	Colour	Pack
FAPLW	1,30 – 1,70 m	21 mm	●	1
EZ25G	1,30 – 2,50 m	21 mm	●	10
MS18G*	1,30 – 1,80 m	21 mm	●	10



### SmartColor MOPHANDLE

#### Lightweight aluminium mop handles.

- Mop holder snaps into place
- Solid and light, made of aluminium, with ergonomic plastic handle
- Labels included for colour coding

Part No.	Size	Ø	Colour	Pack
MH140	1,40 m	23 mm	●	20
MH14G*	1,40 m	23 mm	●	10
HH13R*	1,30 m	21 mm	●	10

\*While stocks last

### ProAlu 1,5° HANDLE

#### Handle with 1,5° taper socket.

- Lightweight and solid aluminium
- Handle Ø 25 mm

Part No.	Size	Ø	Pack
AL140	1,40 m	25 mm	10

### ProAlu ACME

#### Handle with ACME threaded zinc alloy tip.

- Lightweight and solid aluminium
- Handle Ø 25 mm

Part No.	Size	Ø	Pack
AL14A	1,40 m	25 mm	10

### ProAlu 3,0° HANDLE

#### Handle with 3,0° taper socket combined with ACME threaded zinc alloy tip.

- Lightweight and solid aluminium
- Handle Ø 25 mm

Part No.	Size	Ø	Pack
AL14T	1,40 m	25 mm	10



# FLOOR SCRAPERS & MAINTENANCE TOOLS



Quality Tools for Smart Cleaning



## FLOOR SCRAPER LIGHT DUTY

For light jobs, with 1,20 m ergonomic bi-component handle.

- Convenient operation while standing
- Reversible sharp/blunt edge blade

Part No.	Handle	Blade	Pack
LH120	1,20 m	10 cm	10

Stainless Steel Floor Scraper Blades 10 cm. Reversible sharp/blunt edge blade.

RB100	1 Dispenser = 10 blades	10 Dispensers
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While stocks last



## FLOOR SCRAPER MEDIUM DUTY

For medium duty jobs, with 1,50 m aluminium handle.

- For industrial scraping
- Reversible sharp/blunt edge blade

Part No.	Handle	Blade	Pack
MDSC0	1,50 m	15 cm	10

Floor Scraper Blades 15 cm. Reversible sharp/blunt edge blade.

MDSB0	1 Dispenser = 10 blades	5 Dispensers
-------	-------------------------	--------------



## FLOOR SCRAPER HEAVY DUTY

For heavy duty jobs, with 1,50 m steel handle.

- Convenient operation while standing
- Reversible sharp/blunt edge blade

Part No.	Handle	Blade	Pack
HDSS0	1,50 m	20 cm	1

Floor Scraper Blades 20 cm. Reversible sharp/blunt edge blade.

HDSB0	1 Dispenser = 10 blades	5 Dispensers
-------	-------------------------	--------------



## HANG UP

All-purpose tool holder. Tools are inserted from front.

Available in 2 versions (3 or 6 holders).

- Tools snap into rubber rolls in front
- Practical and ideal for quick access
- Simply attach to wall, using dowels
- For diameter Ø 21 - 32 mm

Part No.	Size	Ø	Info	Pack
H0350	35 cm	21-32 mm	3 holders	5
H0700	70 cm	21-32 mm	6 holders	5

## HOLD UP

Tools are inserted from the bottom and held in place by strong rubber grips.

- Simply attach to wall, using dowels
- Equipped with hooks on the front to hang up smaller tools

Part No.	Size	Pack
HU450	45 cm	5
HU900*	90 cm	5

\*While stocks last



## ERGO DUST PAN

For quick and thorough waste removal.

- Ergonomic and convenient
- Dust pan opens when raised, and retains the waste
- Telescopic handle (EDTBG), can be adjusted to suit individual height

Part No.	Size	Type	Pack
EDTBG	83 x 30 cm	Telescopic	6
EDPBR	83 x 30 cm	Standard	6



## WonderWaxer

Complete wax applicator with 1,40 m handle.

- For applying finishing fluid to wooden floors
- Convenient operation while standing
- Swivel head, replaceable sleeve with snap fasteners

Part No.	Size	Material	Pack
QS140	40 cm	Blended fabric*	10

## WonderWaxer REPLACEMENT SLEEVE

Part No.	Size	Material	Pack
QS010	40 cm	Blended fabric*	10

\*65 % polypropylene, 35 % polyester

## i WONDER WAXER

The superlight WonderWaxer is ideal for applying wax to almost all types of floor. The head swivels to reach difficult areas. The low-lint fabric sleeve is replaceable and fits firmly on the T-bar with snap fasteners. The WonderWaxer is perfect for use on gym and commercial floors. Perfectly fits to 28 l bucket QB220 on page 54.

# MICROFIBRE CLOTH SYSTEM

## MICROFIBRE CLOTHS



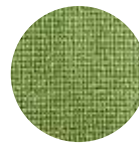
### MICROFIBRE CLOTH SYSTEM

#### AVOID BACTERIAL CONTAMINATION!

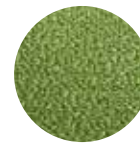
- Five-colour system for optical coding optimises cleaning by dividing tools and areas
- Matching coded tools assigned to specific cleaning areas prevent dangerous bacterial contamination
- Colour-coding facilitates the application of specific chemicals, thus protecting valuables like furniture and floor coverings

#### CLOTH SURFACE GUIDE

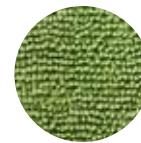
- Guidelines for choosing the right microfiber for the right task
- Optimization of your return on investment (ROI) by purchasing the best grade for your needs



**MICROWIPE  
4000**



**MICROWIPE  
2000**



**MICROWIPE  
500**



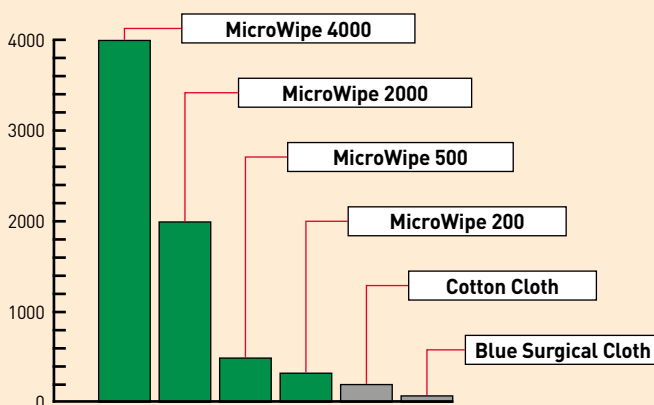
**MICROWIPE  
200**

### i GRADING SYSTEM EXPLAINED

The range of cleaning products that microfiber may be used for is dictated by many qualities, including fibre thickness, length, finishing, abrasiveness, absorbency, cloth dimension, edging and quality manufacturing techniques. **UNGER** has established several

performance factors that have been tested, measured and validated by ASTM independent laboratories and other US standard industry tests. This criteria is designed to assist end users in the selection process when purchasing microfiber cloths.

#### DURABILITY



#### TEST DESCRIPTIONS

- **Durability (Wear Cycles)\*\*** The higher the factor, the greater number of times the microfiber cloth can be moved across an abrasive surface before wearing through and degrading or developing holes
- **Scrub Factor (Abrasiveness)\*\*** The higher the scrub factor, the better the performance of the cloth in removing dirt and bacteria from surfaces and microscopic crevices
- **Absorbency\*** The higher the factor, the more liquid the cloth will absorb and hold
- **Wash Cycles** A higher number of wash cycles indicates the longevity of the cloth through machine wash and dry cycles before deteriorating

\*\*ASTM Tests \*Standard US Industry Tests

# MICROFIBRE CLOTH SYSTEM

# MICROFIBRE CLOTHS & SPRAYER



Quality Tools for Smart Cleaning



## SmartColor MicroWipe

High quality microfibre cloth. Resistant against frequent commercial wash cycles. Use the table below to choose the right grade to maximise the return on your investment.

Part No.	Size	Colour	Weight/m <sup>2</sup>	Durability	Scrub Factor (Abrasiveness)	Absorbency	Wash Cycles	Material	Pack
<b>4000</b>									
MF40R	40 × 38 cm	●	450 g	4000**	38**	1700 ml*	1500	Microfibre***	10
MF40J	40 × 38 cm	●	450 g	4000**	38**	1700 ml*	1500	Microfibre***	10
MF400	40 × 38 cm	●	450 g	4000**	38**	1700 ml*	1500	Microfibre***	10
MF40B	40 × 38 cm	●	450 g	4000**	38**	1700 ml*	1500	Microfibre***	10
<b>2000</b>									
MB40R	40 × 40 cm	●	350 g	2000**	36**	1400 ml*	1000	Microfibre***	10
MB40J	40 × 40 cm	●	350 g	2000**	36**	1400 ml*	1000	Microfibre***	10
MB400	40 × 40 cm	●	350 g	2000**	36**	1400 ml*	1000	Microfibre***	10
MB40B	40 × 40 cm	●	350 g	2000**	36**	1400 ml*	1000	Microfibre***	10
<b>500</b>									
MC40R*1	40 × 40 cm	●	300 g	500**	34**	1100 ml*	500	Microfibre***	10
MC40J*1	40 × 40 cm	●	300 g	500**	34**	1100 ml*	500	Microfibre***	10
MC400*1	40 × 40 cm	●	300 g	500**	34**	1100 ml*	500	Microfibre***	10
MC40B*1	40 × 40 cm	●	300 g	500**	34**	1100 ml*	500	Microfibre***	10
<b>200</b>									
ME40R	40 × 40 cm	●	250 g	200**	39**	1700 ml*	200	Microfibre***	10
ME40J	40 × 40 cm	●	250 g	200**	39**	1700 ml*	200	Microfibre***	10
ME400	40 × 40 cm	●	250 g	200**	39**	1700 ml*	200	Microfibre***	10
ME40B	40 × 40 cm	●	250 g	200**	39**	1700 ml*	200	Microfibre***	10
ME40W	40 × 40 cm	○	250 g	200**	39**	1700 ml*	200	Microfibre***	10

Colours may vary from batch to batch.

\*\*ASTM Tests \*Standard US Industry Tests, Details p. 82

\*\*\*80 % polyester, 20 % polyamide

\*While stocks last



## SPRAYER ON A BELT

Fits to the belt for optimum weight support.

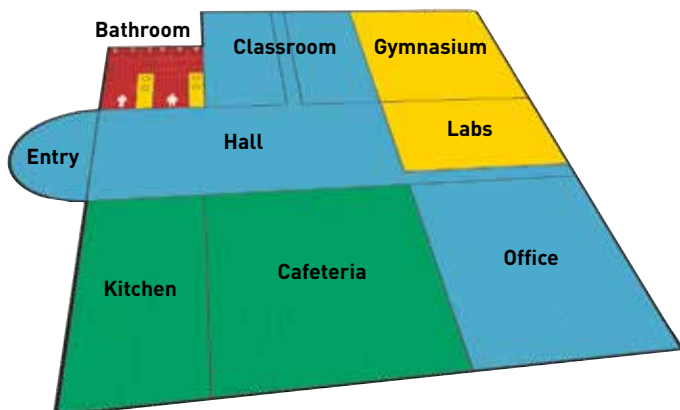
- Flexible hose allows upside down spraying
- 1 l bottle included
- Compatible with standard bottles
- Includes colour coding labels

Part No.	Content	Pack
SOABG	1 l	5



## RECOMMENDED USAGE

- General Washroom
- Clinical
- Food and Bar Area
- General Low Risk Area
- Bespoke or Site Specific



# DUSTING

## BRUSHES & DUSTERS



**StarDuster®**  
COBWEB



- For dusting of walls, surfaces and corners.**
- Electrostatic energy attracts and holds dust
  - Split-tipped soft poly fibres for effective dusting
  - Locks on telescopic pole

Part No.	Size	Pack
COBW0	20 cm	6



**StarDuster®**  
LAMBSWOOL



- Flexible lambswool duster will not damage even most delicate surfaces.**
- Natural oil in lambswool helps to remove dust with minimum effort
  - Features bendable metal core for access to hard-to-reach areas
  - Fits on telescopic pole

Part No.	Pack
LWU00	6



**StarDuster®**  
WALL BRUSH



- Oval shape ideal for cleaning fans, walls, etc.**
- Perfect for dusting rough surfaces and removing dust from flat objects
  - Fits on telescopic pole

Part No.	Pack
WALB0	5



**StarDuster®**  
PIPE BRUSH



- Round and bendable for cleaning pipes and curved surfaces.**
- Fits on telescopic pole

Part No.	Pack
PIPE0	5



**StarDuster®**  
OSTRICH FEATHER



- Perfect for dusting delicate surfaces such as glass, cabinets and chandeliers.**
- Reaches into the smallest gaps and surface crevices
  - Fits on telescopic pole

Part No.	Pack
FEDU0	6



**RUBBER CLEANING SPONGE**

- Re-useable dry cleaning sponge, absorbs dust particles.**
- Made of natural vulcanised cellular rubber, the highly absorbent sponge effectively lifts away and holds dust, dirt and lint from any dry surface.
  - Suitable for cleaning of painted walls and ceilings, wallpaper, painted metal and wood surfaces, fabrics and a number of additional surfaces
  - Widely used in museum and antique restorations

Part No.	Pack
SP060	6



# DUSTING

# MICROFIBRE DUSTERS



Quality Tools for Smart Cleaning



**StarDuster®**  
PRO FLAT 75



**Bendable plastic duster with microfibre sleeve, ideal for narrow spaces.**

**Includes 3 disposable sleeves**

- Made from strong and flexible plastic
- Microfibre sleeve is removable and machine washable
- Fits securely to pole with Locking Cone

Part No.	Size	Material	Pack
PFD7G	75 cm	Microfibre*	10

\*100 % polyester



**StarDuster®**  
PRO FLEX 75



**Great for cleaning overhead, underneath furniture and around corners.**

**Includes 3 disposable sleeves**

- Bends and retains shape to clean hard-to-reach areas
- Microfibre sleeve is removable and machine washable
- Fits securely to pole with Locking Cone

Part No.	Size	Material	Pack
PXD7G	75 cm	Microfibre*	10

\*100 % polyester



**StarDuster®**  
PRO FLAT/FLEX SLEEVES

**Disposable or reusable replacement microfibre sleeves.**

- Effectively lift and hold the dirt
- Microfibre sleeve is machine washable

Part No.	Info	Material	Pack
PS50W	Disposable Sleeve	**	1 Bag (50)
PM05W	Microfibre Sleeve	*	1 Bag (5)

\*100 % polyester, \*\*100 % polypropylene



**StarDuster®**  
PRO DUSTER

**Telescopic lambswool duster with bendable head.**

- Telescopic handle extends from 70 to 150 cm for dusting high objects
- Statically charged disposable sleeve grabs and retains dust
- Includes 1 disposable sleeve

Part No.	Size	Info	Pack
LWDUR	70 – 150 cm	Duster + 1 Disp. Sleeve*	10
DS10Y	46 × 18 cm	Disposable Sleeve*	1 Bag (10)
DS50Y	46 × 18 cm	Disposable Sleeve*	1 Bag (50)

\*100 % polypropylene



# WASHROOM CLEANING

## TOILET & WASHROOM CLEANING



### ERGO TOILET BRUSH COMPLETE

#### Complete kit for professional application.

- Features 66 cm handle with 360° cleaning radius
- Replaceable brush heads or swabs available
- Hygienic, ergonomic holder is lightweight and keeps bacteria isolated
- Holder can be hand-carried or hung on cart and features a detachable base for easy emptying

Part No.	Content	Pack
BBWHR	Brush, Holder, Replacement Head	5



### ERGO TOILET BRUSH/SWAB

#### Ergonomic toilet brush for professional application.

- Features 66 cm handle with 360° cleaning radius
- Replaceable brush heads and swabs available

Part No.	Content	Pack
BBCOR	2 x Brush head + 1 x handle	5
BBHLR	Brush Holder	5
BBRHR	2 x Brush head	5



While stocks last

### WASHROOM SANITARY BRUSH

2 tools in one: Brush with polypropylene bristles and squeegee with black twin foam rubber blade and ACME Thread.

Part No.	Size	Pack
PB45R	45 cm	10



### ERGO WALL SQUEEGEE, 35 cm

- Light twin blade foam rubber - for drying tiles and grout lines
- Streak-free cleaning
- T-bar material made of acid proof polypropylene
- Ergonomic handle, detachable - squeegee also fits on pole

Part No.	Size	Colour	Pack
EW35G	35 cm	●	10
EW35R*	35 cm	●	10

\*While stocks last

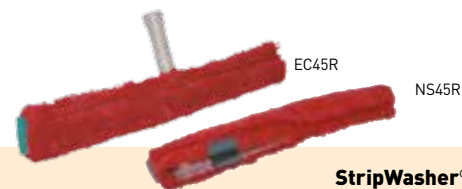


### ErgoTec® SQUEEGEE, RED, 35 cm

#### Ergonomic squeegee for mirrors and smooth surfaces.

- Ergonomic bi-component handle, designed for comfortable hold
- Stainless steel S-Channel with variable positioning options
- Professional quality Soft Rubber for optimal cleaning results

Part No.	Size	Pack
ES35R	35 cm	10
NE350	35 cm	10
RR350	35 cm	10



### StripWasher® WASHROOM

#### Durable microfibre washer for cleaning mirrors and walls.

- Superior cleaning power
- High water retention - up to 6 times its own weight, ideal for cleaning larger areas
- Machine washable up to 500 times sleeve with side scrub pad
- Lightweight plastic T-Bar with water wells

Part No.	Size	Material	Pack
EC45R*	45 cm	Microfibre**	10
NS45R	45 cm	Microfibre**	10

\*\*Support material: 100% polyamide; Fibres: 100% polyethylene



### NiftyNabber® WASHROOM

#### The hygienic all-purpose grabber.

- Keeps refuse at a distance with a 53 cm long handle
- Solid design made of aluminium and metal
- Powerful rubber-coated claws for firm and precise grip of objects

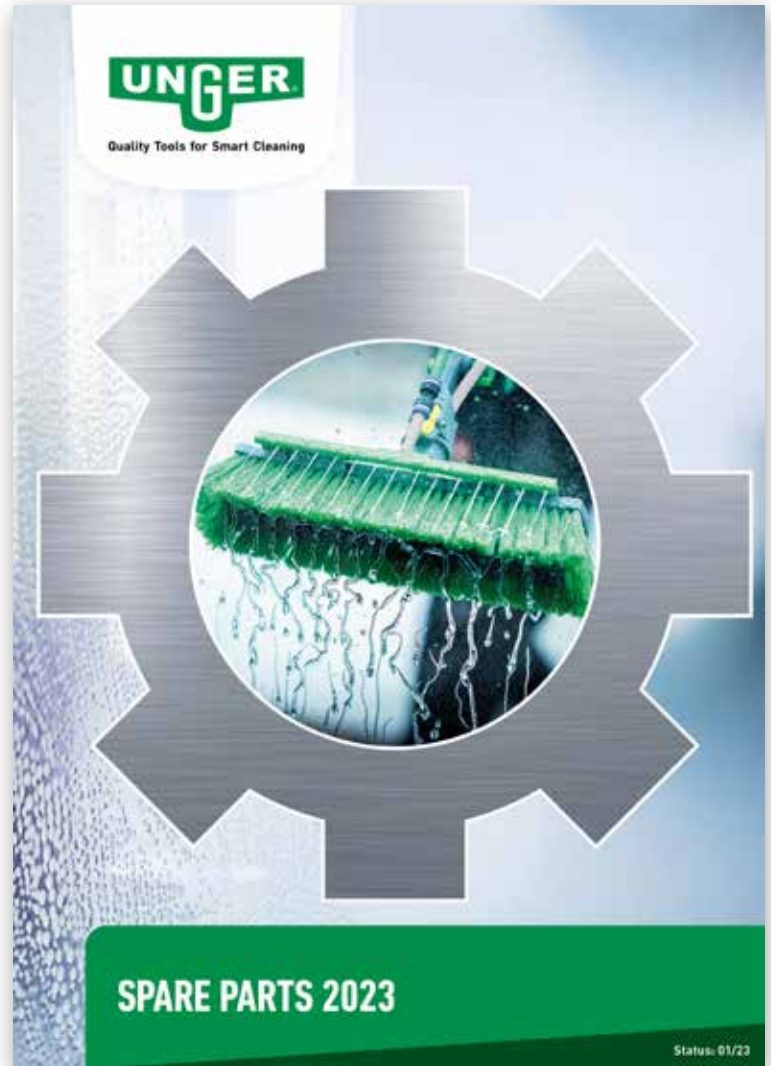
Part No.	Size	Pack
NN40R	53 cm	5

# SPARE PARTS

## Extensive range of spare parts

### Always on the safe side

In a separate list **UNGER** offers spare parts and consumables for the most common products from all categories. You can obtain the spare parts from your specialist dealer.



### **i** SPARE PARTS LIST DOWNLOAD

This QR code leads you to the digital spare parts overview on the **UNGER** website:







Quality Tools for Smart Cleaning

# INFORMATIONEN ON A PROFESSIONAL LEVEL

Discover everything you need to know about **UNGER** products and the latest cleaning technologies on our homepage and in our social media channels:

## Service & Infos

[www.ungerglobal.com](http://www.ungerglobal.com)



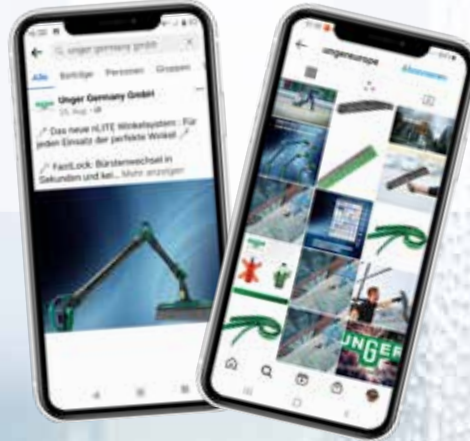
- Intuitive product pages
- Practical knowledge
- Dealer search
- Download of information materials



## Community Updates

[instagram.com/ungereurope](https://www.instagram.com/ungereurope)

[facebook.com/unggermany](https://www.facebook.com/unggermany)



## ALWAYS UP TO DATE - WITH THE UNGER NEWSLETTER

With our newsletter (on [www.ungerglobal.com](http://www.ungerglobal.com)) you will always find out about the latest promotions and new product launches from **UNGER**.

### You also benefit from:

- Exclusive product reviews & news
- Tips & tricks for everything related to glass and commercial cleaning
- Attractive competitions
- A welcome gift

Dealer Stamp:

## Application, Tips & Tricks, Lifehacks

[youtube.com/ungereurope](https://www.youtube.com/ungereurope)



## Further social media channels:

[linkedin.com/company/unger-germany](https://www.linkedin.com/company/unger-germany)



[twitter.com/ungereurope](https://twitter.com/ungereurope)



**Terms of delivery and payment:** This product assortment, valid from 01.01.2023, replaces all previous lists.  
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**UNGER Germany GmbH**  
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