



Quality Tools for Smart Cleaning

忍者
NINJATM



PRODUCT ASSORTMENT

Status: 01/2026

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INDOOR WINDOW CLEANING

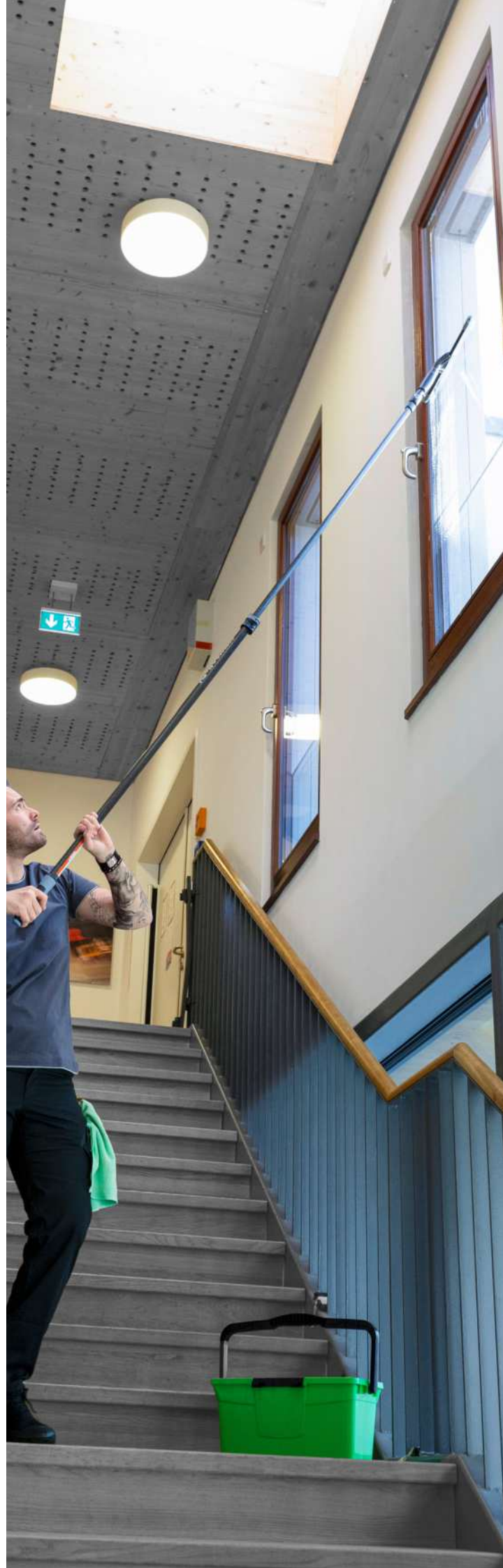
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Quality Tools for Smart Cleaning

INNOVATIVE PROFESSIONAL QUALITY AND PIONEERING SOLUTIONS.

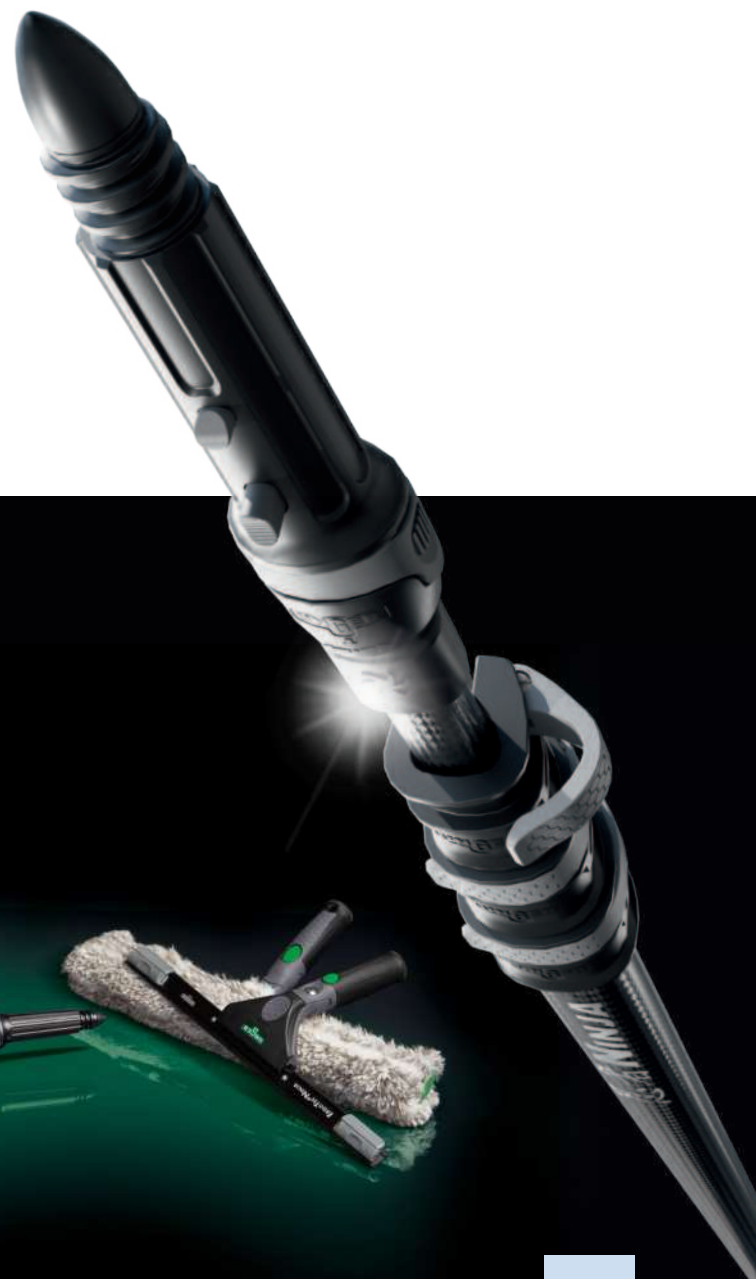
For over six decades, **UNGER** stands for the highest quality, efficiency and innovation in glass and building cleaning. What began in 1964 has developed into a success story that is now at the forefront of the industry. Our constantly growing product portfolio is an expression of our tireless pursuit of developing advanced cleaning methods that set standards.

Our customers' trust is based on excellent service and uncompromising product quality. Every year, we expand our range with solutions that are tailored directly to the needs of professional users – such as our latest innovation: the **NINJA™ Carbon** telescopic pole. The first of its kind made from 100% carbon in the classic cleaning sector, it impresses with its ergonomic triangular shape, particularly easy-to-use clamps for length adjustment and compact transport dimensions. In a kit with other premium tools from the Ninja series, it offers an unbeatable complete package for demanding cleaning tasks.

Equally groundbreaking is the **UNGER** pure water system, which combines maximum efficiency with innovative technology, without the use of chemical cleaning agents. The ultra-light **nLITE carbon poles** enable ergonomic working at great heights, while the powerful

HydroPower filters ensure a constant supply of pure water. This system stands for sustainable cleaning at the highest level and is further proof of our innovative strength and deep understanding of the requirements of modern cleaning teams.

Cleaning professionals can look forward to many more innovative ideas and pioneering solutions from **UNGER** in the future.



忍者
NINJA™



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.



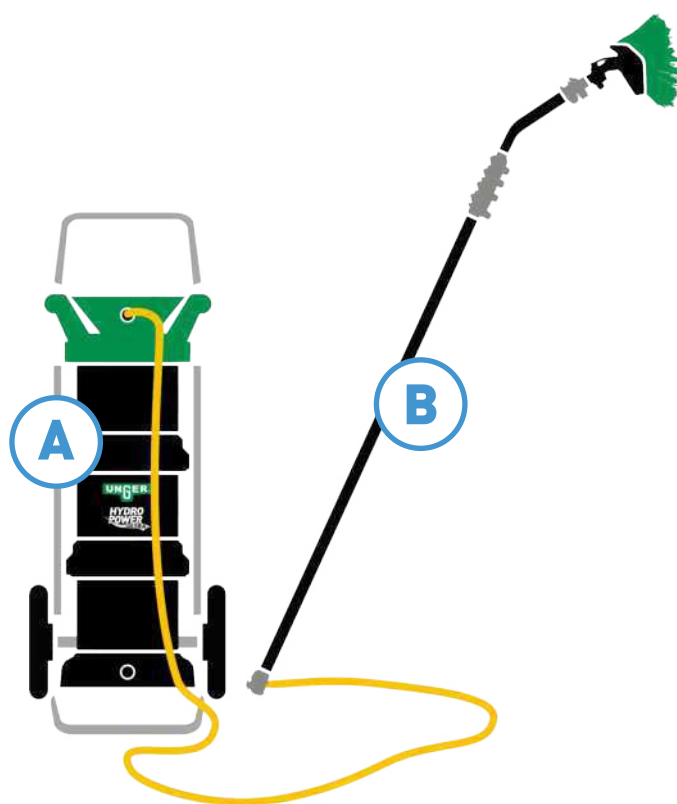
ENVIRONMENTALLY FRIENDLY:

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.

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

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



The UNGER Pure Water System

A PURE WATER FILTERS

p. 6

**HYDRO
POWER**



DI filter



RO filter

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.

B WATER-FED POLES

p. 15

nLITE®



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".



**INCREASE YOUR POTENTIAL
WITH THE UNGER PURE WATER
CLEANING SYSTEM**



PURE WATER SYSTEM

A PURE WATER FILTERS

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. 7



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. 9



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!

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.

Choose from 2 filter sizes. All 3 versions are supplied complete with **Ultra Resin Packs** and integrated **TDS meter** to monitor the outgoing water hardness.



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

FASTLOCK QUICK-FIT FASTENER

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

TDS-METER

- Integrated digital measuring device displays the water hardness of the pure water coming out in ppm

ULTRA RESIN PACKS

- Can be changed as easily as a coffee pad in a coffee machine

HIGH-QUALITY METAL CONNECTIONS

- Stable quick-fit metal hose connector. Practical shut-off valve
- Reliable quick release connectors for hoses

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 ² **	approx. 600 m ²

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 ² **	approx. 2.000 m ²

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 ² **	approx. 2.000 m ²

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 m²/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)	✓

CLEANING WITH THE HYDRO POWER ULTRA

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

A PURE WATER FILTERS

ION EXCHANGE RESIN

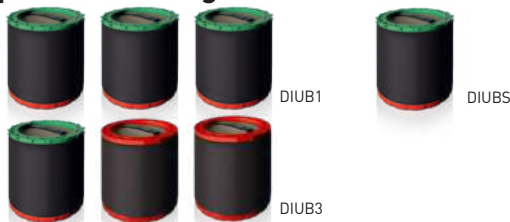
i RESIN CHANGE

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.



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
DIUBS	1 x Ultra Resin Pack (6 l) for DIUH1, DIUK1	1
DIUB3	Kit with 3 Ultra Resin Packs (18 l) for DIUH2, DIUH3	1



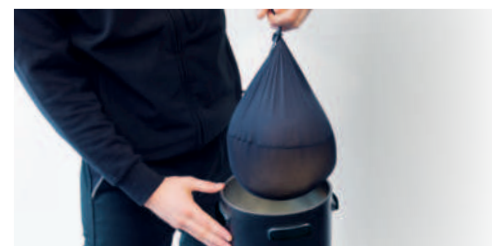
QuickChange RESIN BAGS FOR HYDRO POWER® DI FILTER

High comfort



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

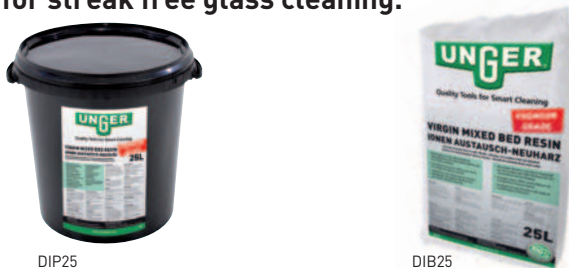
QuickChange RESIN BAGS 6 L		
Part No.	Info	Pack
DIB64	4 bags (24 l) in air tight bucket	1
DIB84	4 bags (24 l) in air tight bag	1



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

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



HYDRO POWER® RO S
SYSTEM



APPLICATION OF THE
HYDRO POWER RO S



POWERFUL QUALITY PUMP

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

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

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

COMPACT AND ROBUST DESIGN

- High-quality materials ensure a long service life
- Durable stainless steel quick connectors prevent dripping
- Heavy-duty stainless steel frame with maintenance-free solid rubber wheels



HydroPower® RO S

Part No.	Pack
RO20C	1

A PURE WATER FILTERS

HYDRO POWER® RO M

**HYDRO
POWER**®
SYSTEM
M



3 REASONS FOR HYDRO POWER® RO M

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



APPLICATION OF THE
HYDRO POWER RO M



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

DOWNSTREAM RESIN FILTER

2 METAL WATER OUTLETS

- for 2 users at the same time

HIGH PERFORMANCE PUMP

- constant and high water flow



CE certified

HydroPower® RO M

Part No.	Pack
R035C	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 GLASS FACADES

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

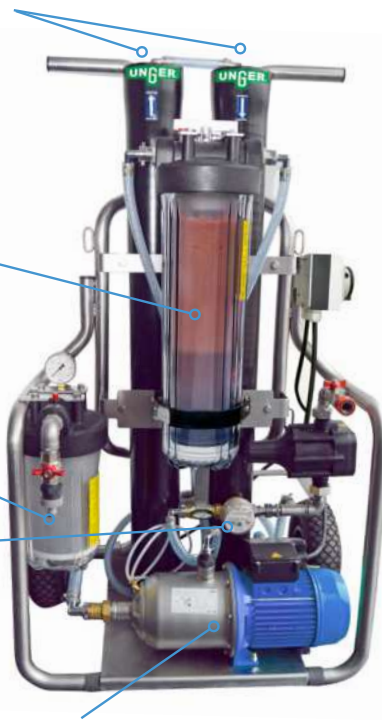
- to protect both membranes

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

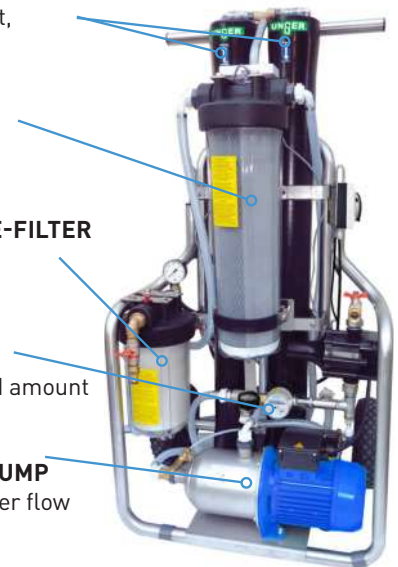
- to protect both membranes

PURE WATER FLOW METRE

- Displays the produced amount of pure water

EXTRA HIGH POWER PUMP

- supports the high water flow



HiFlo RO SOLAR

Part No.	Pack
R060S	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.



- Maximum tank capacity: 650 l pure water
- 1 or 2 man operation via 2 stainless steel hose reels and 2 × 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)
- High capacity 12 Volt AGM battery offers 'all day' operation before requiring recharge
- Maintenance free 210 amp hour AGM battery with mains charger supplied
- 3 stage water purification production with dedicated 12 V (10 bar, 150 psi) pump. (Carbon Pre-filter, RO Membrane and **HydroPower® DI Filter Polisher**)



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)



**APPLICATION OF THE
HYDRO POWER RO XXL**



A PURE WATER FILTERS

REVERSE OSMOSIS FILTER



	HydroPower® RO S (RO20C)	HydroPower® RO M (RO35C)	HiFlo RO Glass facades (RO60C)	HiFlo RO Solar (RO60S)	HydroPower® RO XXL (TRLR1)
Main features	<ul style="list-style-type: none"> • Compact design 	<ul style="list-style-type: none"> • High performance • Easy operation 	<ul style="list-style-type: none"> • High performance RO filter • High pure water production for large glass surfaces 	<ul style="list-style-type: none"> • High performance RO filter • High pure water production for PV & solar systems 	<ul style="list-style-type: none"> • 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	700 l/h	750 l/h	2 × 125 l/h
Water outlets	1	2	1	1	2
Pump performance	0,97 kW	0,97 kW	1,1 kW	1,1 kW	3 × 0,1 kW
Protection class electric pump	IP54	IP54	IP54	IP54	IP54
Inlet pressure [bar]	1 – 6	1 – 6	1 – 6	1 – 6	1 – 6
Max. operating pressure [bar]	10	10	10	10	10
Pump dry run protection	✓	✓	✓	✓	✓
Pure water flow meter	analogue	analogue	analogue	analogue	-
Pre-filter	Combination filter Chlorine/Sediments (ROCA2)	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 (17189)	2 (17189)	1 (19076)
Resin filter	Cartridge 0,55 l (RORE2)	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 membranes + at the water outlet	at the water inlet + at the water outlet	at the water outlet
Dimensions in cm (Height × Width × Depth)	96 × 53 × 67	107 × 53 × 70	123 × 75 × 51	123 × 75 × 51	175 × 160 × 350
Empty weight in kg	45	75	83	83	740
Weight including filling	50	80	89	89	1.390
Cable length in m	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.



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

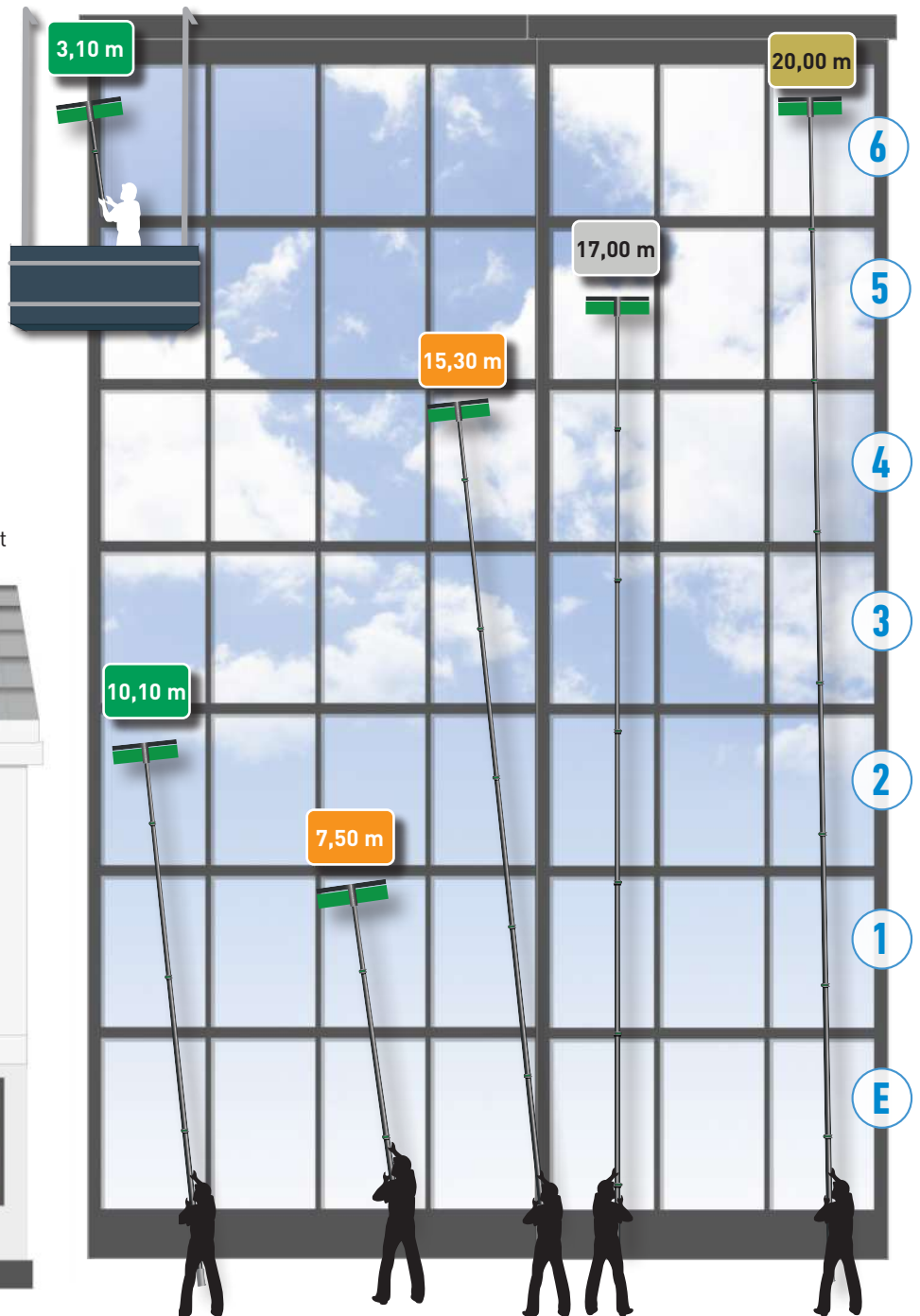
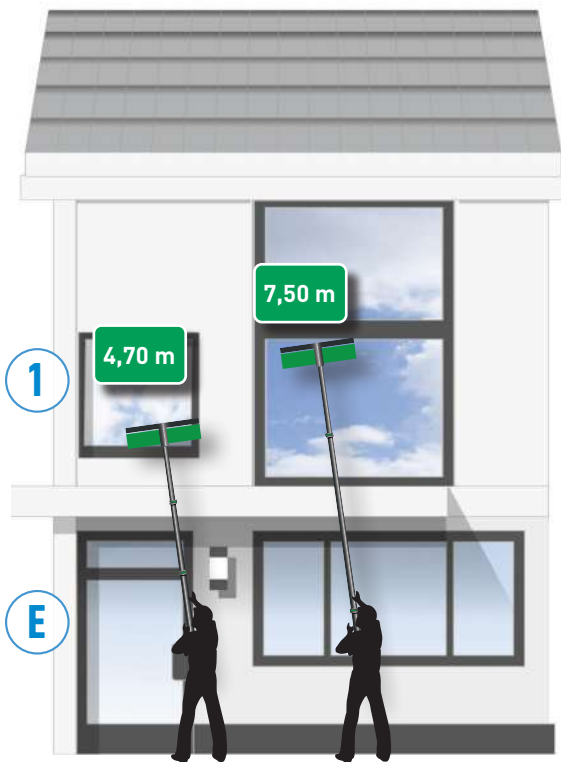
For adding cleaning liquid to pure water flow, after passing through the filter unit.
 - Perfect to lifting stubborn dirt and greasy residue from heavily soiled surfaces
 - Simple connection to standard garden hose
 - Easy to refill and adjust concentration

Part No.	Pack
HCDEU	1

B 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 + 3x UC35G	UH67G + 4x UH35G
Elements	2	4	2	6	4	6 + 2 x 2	4 + 3 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	16,30 m	19,50 m
Recommended	Ground floor	1st floor	Boom lift	2nd floor	1st floor	4th floor	5th floor	6th floor
Strength	100 GPa	100 GPa	100 GPa	100 GPa	210 GPa	210 GPa	360 GPa	760 GPa

B WATER FED POLE SYSTEM



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

TOP PERFORMANCE THROUGH PROGRESS

Innovation, high quality, and customer-oriented development have always been **UNGER**'s guiding principles. This applies once again to the current 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 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

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



APPLICATION OF THE nLITE® WATER FED TELESCOPIC POLE SYSTEM

PURE WATER SYSTEM

B WATER FED POLE SYSTEM

nLITE®

Extendable carbon 24K poles:

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

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.



Quality Tools for Smart Cleaning



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.

NLHCC

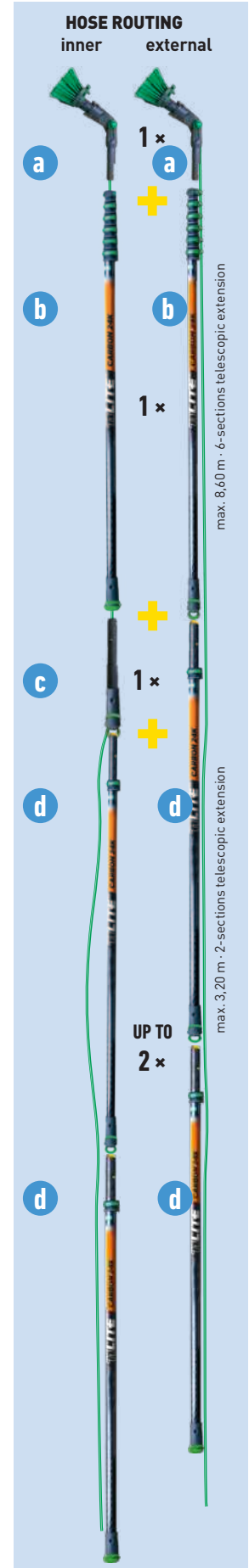
CF86G



d TELESCOPIC EXTENSION POLE

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

CF33G



B WATER FED POLE SYSTEM



CARBON 24k



nLITE® CARBON 24K TELESCOPIC POLE

Telescopic pole for medium heights.

- Recommended for working heights of up to **15 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	11,90 m	1

CARBON COMPOSITE

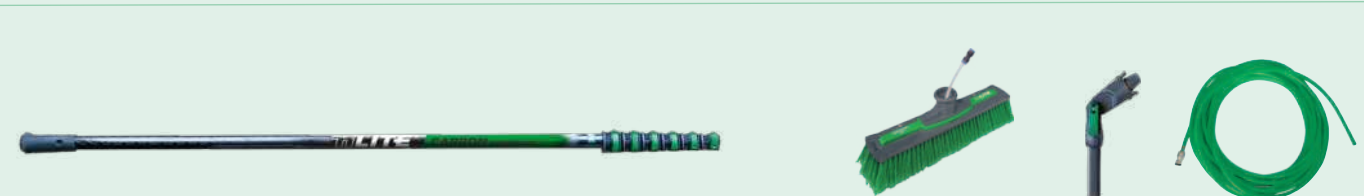


nLITE® CARBON COMPOSITE TELESCOPIC POLE

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 (**not extendable**)
- 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	8,60 m	1

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

PURE WATER SYSTEM



Quality Tools for Smart Cleaning

B WATER FED POLE SYSTEM



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.

Ultra HiMod CARBON



nLite® Connect ULTRA HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The ultimate in rigidity, supertight 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

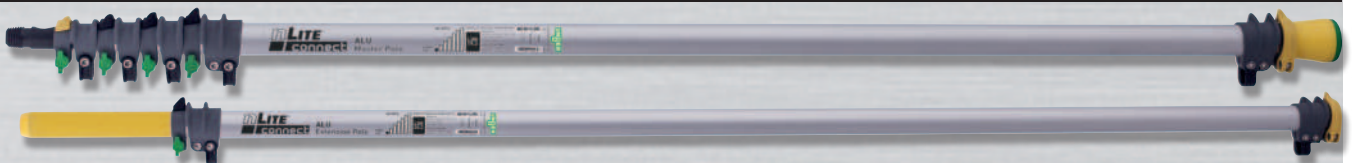


nLite® Connect HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The best in rigidity, supertight 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.

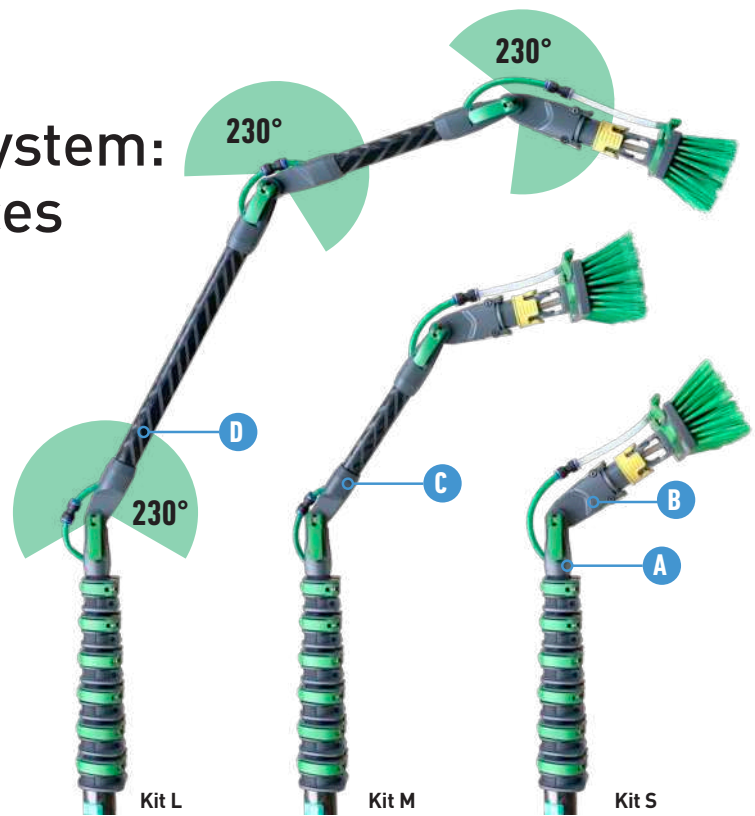
B WATER FED POLE SYSTEM

ANGLE ADAPTER KITS

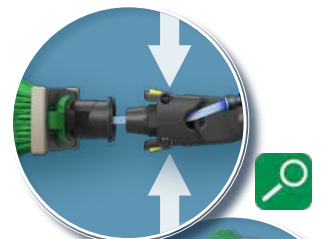
nLITE®

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

Another clever feature of the 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.



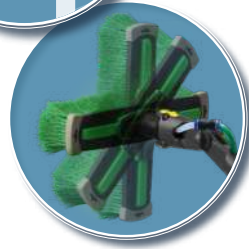
- A** Pole adapter
- B** Brush adapter
- C** Angle element short
- D** Angle element long



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!



THE nLITE® WATER FED
ANGLE ADAPTER SYSTEM



ANGLE ADAPTER KITS FOR THE OVAL nLITE® POLES (PRECISION GRIP)

nLITE®



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.

ANGLE ADAPTER KITS FOR THE ROUND nLite® CONNECT POLES

nLITE® connect



nLite Connect® ANGLE ADAPTER

For nLite® Connect poles (HiMod, Ultra HiMod, Alu).

Part No.	Info	Length	Pack
NGC15	Angle adapter kit S	15 cm	1
NGC30	Angle adapter kit M	42 cm	1
NGC45	Angle adapter kit L	82 cm	1

Not compatible with nLITE® Carbon 24K and Carbon Composite poles.

NEW



The Professional Telescopic Pole, perfect for everyday use

Made of high quality carbon material. Long lasting, clamps from glasfibre re-inforced plastic.

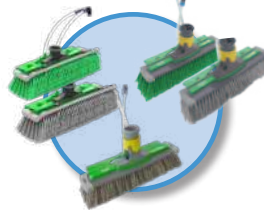
HIGH REACH, COMPACT SIZE

Telescopic poles in two variations with 7 or 9 sections for flexible cleaning at various heights up to 12,30m. Very comfortable collapsed length of 1,74m - easy to transport.



ANGLE ADAPTER

Every nLite® Carbon 16K pole is equipped with an Angle Adapter, that fits to all nLITE brushes.



nLITE® BRUSHES

(not included with the waterfed pole) Outstanding down on the last detail: a fully optimized brush concept prepares you for almost any challenge. See pages 22+23



RUBBER HANDLE

The integrated round shaped handle is designed to sit comfortably in operator's hand for easier brush control, with textured surface for reliable grip. Features side aperture for the hose exit when fitted inside the pole. Protects the pole when standing on the ground.

CARBON 16K



nLite® Carbon 16K TELESCOPIC POLE

Telescopic pole for everyday use.

- Working heights up to 12.30 m (approx. 3 storeys)
- High-quality carbon material.
- Includes angle adapter CGN15

Part No.	Description	Extended	Collapsed	Sections	Weight	Pack
C100T	Telescopic pole	10,00 m	1,74 m	7	2,6 kg	1
C123T	Telescopic pole	12,30 m	1,74 m	9	3,4 kg	1
CGN15	Angle adapter	15 cm			0,2 kg	1

Multiple Spare Parts available (pole sections, clamps, angle adapter). Detail infos on our website.

nLITE® BRUSHES

nLITE® Power Brushes for the daily challenges in cleaning with pure water

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

APPLICATION

- Strong cleaning performance and perfect gliding performance. Recommended for maintenance cleaning
- Very good cleaning performance. Optimal flushing of the bristles with almost no residue. Recommended for maintenance and solar cleaning.



nLITE® POWER BRUSH

Part No.	Size	Bristles	Pack
NFK28	28 cm	● flagged	1
NFK41	41 cm	● flagged	1
NUK28	28 cm	● unflagged	1
NUK41	41 cm	● unflagged	1

nLITE® Hybrid Brush made of boar bristles for extremely powerful cleaning performance

The brush is highly recommended for maintenance cleaning and for the cleaning of PV/solar modules. Easier glide and less weight than full natural hair brushes

BOAR BRISTLES

- 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



nLITE® HYBRID BRUSH

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

SWIVEL LOCK

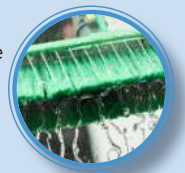
You've never cleaned faster and more precisely down to the last corner: the swivel function is a completely new way of cleaning with pure water up to the first floor (6 m). Open the SwivelLock and experience the advantages:

- The brush socket, 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



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 - more effective than ever before!



nLITE® Angle Brushes for large surfaces, frames and corners

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.



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.



nLITE® Soft Brush for a gentle surface cleaning

nLITE® SOFT BRUSH

Reduces risk of damage to sensitive surfaces.

- Thin bristles with high flexibility
- Short bristles in high density for stable fibre layout

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



nLITE® ANGLE BRUSH

Part No.	Size	Version	Pack
NFR28	28 cm	● flagged	1
NFR41	41 cm	● flagged	1
NUR28	28 cm	● unflagged	1
NUR41	41 cm	● unflagged	1

APPLICATION

- Strong cleaning performance, large cleaning area. Recommended for maintenance cleaning.
- Very good cleaning performance, large cleaning area. Recommended for maintenance and solar cleaning.



All nLITE® brushes are supplied including hoses with quick connector.

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



The nLITE® PowerPad – for sensationally fast, effective and easy cleaning with pure water.

A new era is dawning for pure water cleaning. Once again, market leaders **UNGER** have come up with a ground-breaking innovation – the **nLITE® PowerPad**, the ultimate alternative to brushes when **cleaning large ground floor glass surfaces**.

This outstanding cleaning tool is intuitive to use thanks to its intelligent and revolutionary design. It makes cleaning with pure water noticeably faster, easier and more effective.

The perfect tool for all experienced pure water professionals as well as those who are discovering **UNGER's** pure water technology for the first time!

PERFECT RESULTS IN AN INSTANT!

The **nLITE® PowerPad** is easy and intuitive to use. The sequence of movements is almost identical to that of classic window cleaning, meaning users achieve perfect cleaning results instantly without training time!

More advantages: The new **PowerPad** is fully compatible with all **nLITE®** and **OptiLoc** telescopic poles from **UNGER**, offering great on-site flexibility!



RINSE BAR

Special rinse bar for powerful, uniform rinsing of the pad and glass over the entire width.

INNOVATIVE 360° SWIVEL

- **360° movement** up and down as well as left and right
- **Permanent contact** with the glass surface – even when working laterally
- **Easy and intuitive** manual tool – with S-shaped movements as with classic glass cleaning
- Can be locked in **7 working positions** for every type of use

THE INNOVATIVE MICROFIBRE CLEANING PAD

- **Faster dirt removal**, as the microfiber cleaning pad has a larger contact area with the surface of the glass than a conventional brush with bristles
- **Self-cleaning effect** thanks to permanent pure water rinsing via the integrated Rinse Bar
- **Highly effective microfiber technology** for streak-free cleaning
- **Glides easily** over glass surfaces



nLITE® POWER PAD

Part No.	Product	Size	Pack
PWH35	PowerPad complete	35 cm	1
PWH45	PowerPad complete	45 cm	1
PWP35	Microfibre Cleaning Pad	35 cm	5
PWP45	Microfibre Cleaning Pad	45 cm	5

i **STARTER KIT POWER PAD + HydroPower® Ultra S** **p. 28**
DINKO

Pad: 90% polyester, 10% polyamide



USE AS A HAND TOOL

FULLY COMPATIBLE WITH nLITE® WATER FED TELESCOPIC POLES

FULLY COMPATIBLE WITH OptiLoc TELESCOPIC POLES

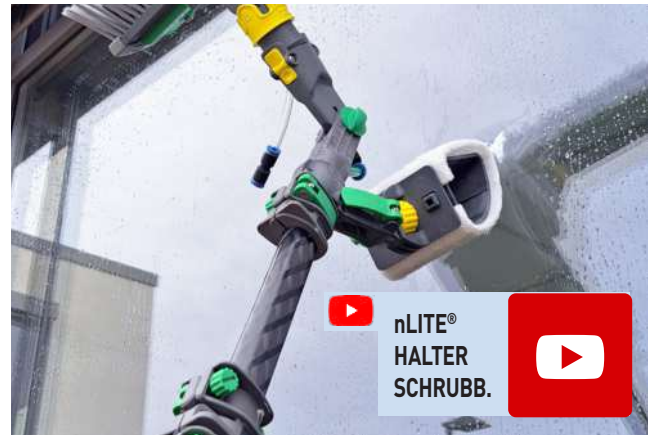
B WATER FED POLE SYSTEM ATTACHMENT ADAPTERS



Quality Tools for Smart Cleaning

Perfection and cleanliness down to the last detail

In combination with the nLITE® telescopic pole system, this tool is an important addition to the equipment of every glass and building cleaner. Bird droppings, stubborn insect residues and other heavy deposits can often prove difficult to remove. The nLITE® holder has been developed for use with the scrubbing pad to remove even stubborn dirt easily and effectively with pure water. The recommended working height is approx. 6 metres, i.e. up to the 1st floor.



nLITE® HOLDER FOR SCRUBBING PADS



For the rapid removal of stubborn dirt from glass surfaces.
CAUTION. Only fits nLITE Carbon 24K and Carbon Composite poles.

- For cleaning glass surfaces with nLITE poles
- Highly versatile thanks to adjustable angle and differently shaped contact surfaces

Item no.	Dimensions	Product	Pack
NLSPH		Holder with 5 scrubbing pads	1
OPS20	25 x 10 cm	Scrubbing pad	10

ATTENTION: Some surfaces are easily scratched. Always test scrubbing pad prior to use.

nLite® CONE ADAPTER

Plastic adapter for attaching tools on nLITE® Carbon 24K and Carbon Composite telescopic poles.

Part No.	Pack
NLCLA	1



nLite® EURO THREAD ADAPTER

Plastic adapter for attaching brushes on nLITE® Carbon 24K and Carbon Composite telescopic poles.

Part No.	Pack
NLTHR	1

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	Lift/Gondola	Sensitive surfaces
	nLITE® POWER PAD	PWH35	75 g	35 cm	Microfibre Pad				✓	✓		✓	✓	
		PWH45	85 g	45 cm										
	nLITE® POWER FLAGGED	NFK28	346 g	28 cm	Power-Technology flagged	55 mm/40 mm	✓	✓	✓			✓	✓	
		NFK41	488 g	41 cm										
	nLITE® POWER UNFLAGGED	NUK28	356 g	28 cm	Power-Technology unflagged	55 mm/40 mm	✓	✓	✓			✓	✓	✓
		NUK41	491 g	41 cm										
	nLITE® ANGLE FLAGGED	NFR28	500 g	28 cm	Nylon flagged	15-55mm	✓	✓ 2 Pos.				✓		
		NFR41	700 g	41 cm										
	nLITE® ANGLE UNFLAGGED	NUR28	500 g	28 cm	Nylon unflagged	15-55mm	✓	✓ 2 Pos.				✓		✓
		NUR41	700 g	41 cm										
	nLITE® SOFT	NFS28	320 g	28 cm	thin synthetic bristles	25 mm	✓	✓	✓				✓	✓
		NFS41	440 g	41 cm										
	nLITE® HYBRID	NUH28	333 g	28 cm	Boarhair + Power	45 mm/30 mm	✓	✓	✓	✓		✓	✓	✓
		NUH41	460 g	41 cm										

B WATER FED POLE SYSTEM

nLITE® ACCESSORIES



nLITE® DURO FLEX HOSE

DLH25 = high performance hose for RO-filters

Part No.	Size	Diam.	Pack
DLS25	25m	Ø 5/8mm	1
DLH25	25m	Ø 7/10mm	1



nLITE® WATER FLOW REGULATOR

Part No.	Hose	Diam.	Pack
NLWVI	DLS25	Ø 5/8mm	1
22812	DLH25	Ø 7/10mm	1



nLITE® QUICK CONNECTOR 10>8

for hose connection DLH25 to DLS25

Part No.	Pack
22810	1 kit (5)



nLITE® EXTENSION ADAPTER

for CF86G

Part No.	Pack
NLHCC	1



nLITE® CLIPS FOR OUTER HOSE ROUTING

Part No.	Pack
NLHKP	1 kit (6)



nLite® Connect HOSE

NLH25 = high performance hose for RO-filters

Part No.	Size	Diam.	Pack
NL25G	25m	Ø 5/8mm	1
NLH25	25m	Ø 8/12mm	1



HiFlo Control WATER FLOW REGULATOR

Fits any round poles Ø 20-70mm
Fits yellow hoses NL25G & NLH25

Part No.	Pack
TM00V	1



nLite® Connect HOSE PLUG 6MM

for hose NL25G

Part No.	Pack
23232	1 kit (5)



nLite® Connect QUICK CONNECTOR 6>8

for hose connection NL25G to DLS25 (+23232)

Part No.	Pack
23009	1 kit (5)



nLite® Connect QUICK CONNECTOR 8>8

for hose connection NLH25 to DLS25

Part No.	Pack
22809	1 kit (5)



Example
Content is not
included.

nLITE® TRANSPORTATION BAG

Solid nylon carrying bag* for nLITE® Carbon 24K and Carbon Composite 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



Example
Content is not
included.

nLite® Connect TRANSPORTATION BAG

For storage, protection and transportation of a complete nLite® Connect 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

B WATER FED POLE SYSTEM

nLITE® SYSTEM



Quality Tools for Smart Cleaning

CLEANING WITH PURE WATER

nLITE Brushes and PowerPad

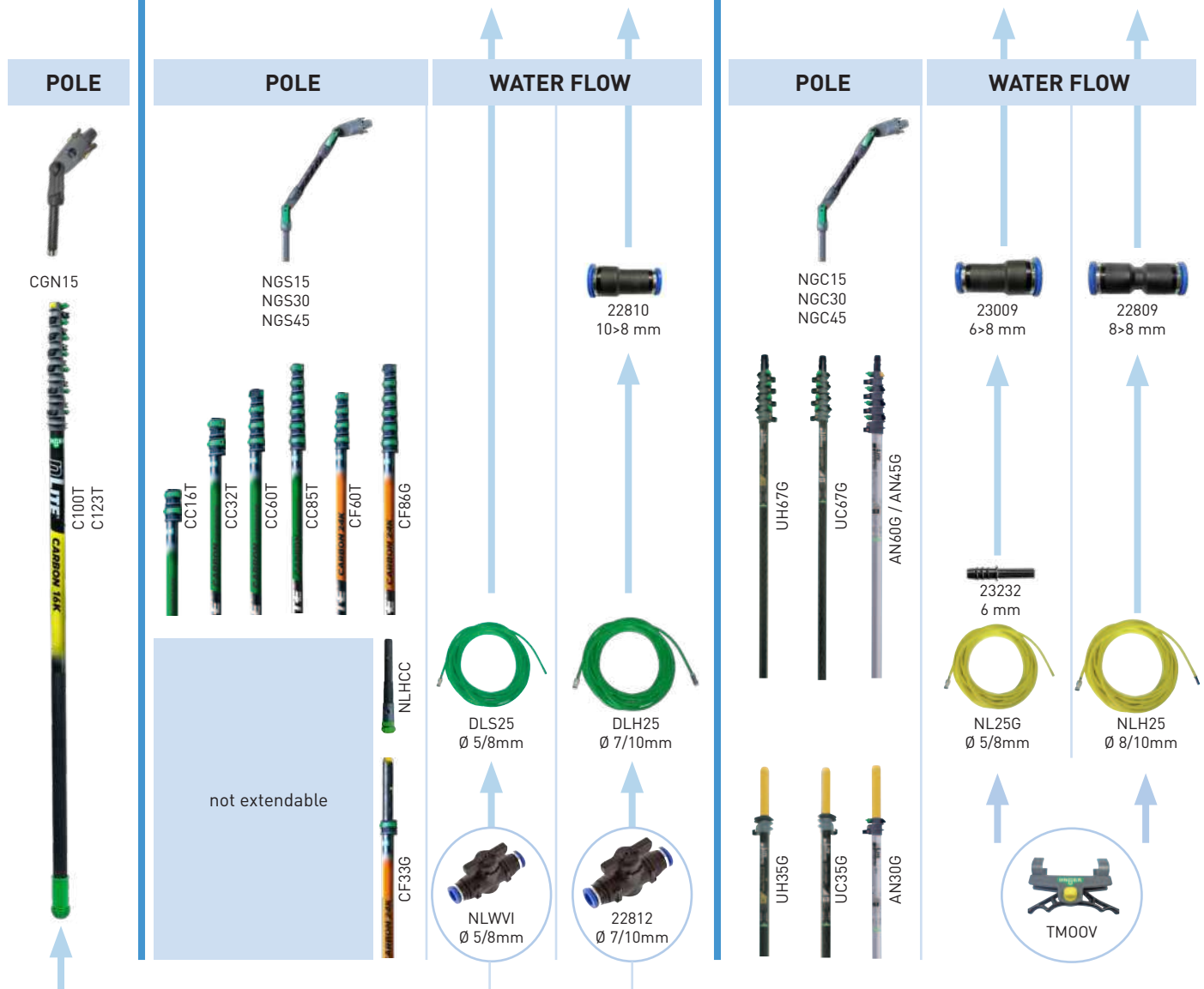


Euro threat adapter (NLTHR) for water fed brushes



TRADITIONAL WINDOW CLEANING & DUSTING

Cone adapter (NLCLA) for cleaning tools



A PURE WATER FILTERS

HYDRO POWER® KITS



HydroPower® Ultra KITS	STARTER KIT POWER PAD	STARTER KIT ALU	STARTER KIT CARBON	EXPERT KIT L	EXPERT KIT LC
Part No.	DINK0	DIUK1	DINK1	DINK2	DINK3
HydroPower® Ultra Filter	DIUH1 (S)	DIUH1 (S)	DIUH1 (S)	DIUH2 (L)	DIUH3 (LC)
nLITE® Telescopic Pole	ED600 OptiLoc, 3 sections, 6m	AN60G Aluminium Master 6 m	CC60T Carbon Composite 6 m	CF86G Carbon 24K, 8,60 m	CF86G Carbon 24K, 8,60 m
nLITE® Angle adapter		NGC15 S (15 cm)	NGS15 S (15 cm)	NGS15 S (15 cm)	NGS30 M (42 cm)
nLITE® Brush	PWH35 PowerPad 35cm	NFF28 Power, 28 cm, flagged	NFK28 Power, cpl. 28 cm, flagged	NFK28 Power, cpl. 28 cm, flagged	NFR28 Angle Brush, 28 cm, flagged
nLITE® Hose	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m	DLS25 Duro Flex 25 m
Accessories in kit	NLWVI: Water flow regulator 10790: 2x Hooks&Loops strips				
Pack	1	1	1	1	1
	Length 6,00m/20ft	Length 6,00m/20ft	Length 6,00m/20ft	Length 8,60m/28ft	Length 8,60m/28ft



HydroPower® RO KITS	RO S COMPLETE KIT CARBON 24K	RO M HIGH RISE KIT HiMod	RO M SKY RISE KIT Ultra HiMod
Part No.	RONK1	RONK2	RONK3
HydroPower® RO Filter	R020C (RO S)	R035C (RO M)	R035C (RO M)
nLITE® Telescopic Main Pole	CF86G Carbon 24K 8,60m	UC67G nLite Connect HiMod 6,60m	UH67G nLite Connect Ultra HiMod 6,60m
nLITE® Extension Pole	CF33G Carbon 24K 3,20m	2x UC35G nLite Connect HiMod 3,40m	4x UH35G nLite Connect Ultra HiMod 3,40m
Accessories in kit	NLHCC Extensionadapter		
nLITE® Angle adapter	NGS30 (M) 42 cm	NGC30 (M) 42 cm	NGC30 (M) 42 cm
nLITE® Brush	NFK41 Power, 41 cm, flagged	NFK41 Power 41 cm, flagged	NUR41 Angle brush 41 cm, unflagged
nLITE® Hose	DLH25 Duro Flex High Performance 25 m	DLH25 Duro Flex High Performance 25 m	DLH25 Duro Flex High Performance 25 m
Pack	1	1	1
	Length 11,90m/39ft	Length 13,40m/44ft	Length 20m/72ft

WHICH PURE WATER FILTER IS EXACTLY RIGHT FOR YOUR PURPOSES?

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.

 **INSTRUCTIONS FOR PROFESSIONAL WINDOW CLEANING** 

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SCRAPERS p. 42



TELESCOPIC POLES p.46



ACCESSORIES p. 51



TRADITIONAL WINDOW CLEANING GREEN LABEL

Follow our lead
and make your mark:
For a more sustainable
future.

Protecting our planet, using its resources responsibly and preserving it for the next generation: Acting sustainably is an essential task for mankind and the cornerstone of the **UNGER** philosophy.

- Only the best is good enough: We don't compromise on performance and quality when developing eco-friendly products.
- We are committed to choosing the right raw material suppliers and relevant certifications.
- We incorporate customer requests into our sustainability concept via numerous customer surveys conducted beforehand.

This has resulted in the first fully certified, sustainable range of glass cleaning tools.

This highlights our commitment and that of our customers and shows that we are a pioneer in the industry when it comes to sustainability.

- The **GREEN LABEL** range by **UNGER** encourages more environmentally friendly cleaning services.
- With **GREEN LABEL**, we help you and your customers achieve your sustainability goals.
- **GREEN LABEL** is characterised by the outstanding quality typical of **UNGER** – a long useful life is a key aspect of sustainability.
- Recognisable at first glance: the striking, green-blue design shows that you are taking on responsibility – for yourself and others.



UNCOMPROMISINGLY GREEN!

THE FIRST COMPLETE RANGE OF GUARANTEED CERTIFIED, SUSTAINABLE CLEANING TOOLS

(confirmed by independent institutes)

TRADITIONAL WINDOW CLEANING GREEN LABEL PRODUCTS & CERTIFICATES



Quality Tools for Smart Cleaning

Green Label WINDOW SQUEEGEE



Complete squeegee with FSC™-certified rubber.

- Handle & S-Channel: Non-hazardous materials
- Ergonomic handle made of two components. Complete with S-channel.
- Handle with comfortable S-spring for quick and simple channel change
- Usual high UNGER quality
- Made in Germany



Part No.	Size	Rubber	Pack
GTS35	35 cm	Medium	10
GTS45	45 cm	Medium	10
GTSH0*		Handle	10

*handle only. C2C Certified Material Health Certificate™ Silver

Green Label S-CHANNEL



Complete with FSC™-certified rubber.

- S-Channel: Non-hazardous materials
- Rubber: Degree of hardness: Medium, proportionally with FSC™-certified natural rubber
- Professional quality with sharp edges for streak-free removal
- Made in Germany



Part No.	Size	Rubber	Pack
GTC35	35 cm	Medium	10
GTC45	45 cm	Medium	10

Green Label SQUEEGEE RUBBER



FSC™-certified rubber, Medium degree of hardness

- Proportionally with FSC™-certified natural rubber
- Professional quality with sharp edges for streak-free removal
- Made in Germany



Part No.	Size	Rubber	Pack
GTR25	25 cm	Medium	10
GTR35	35 cm	Medium	10
GTR45	45 cm	Medium	10
GTR55	55 cm	Medium	10
GTR99	106 cm	Medium	10

Green Label WASHER T-BAR



Durable plastic T-Bar with ergonomic bi-component handle.

- Avoidance of toxic chemical products
- Water wells for increased water retention
- Fits securely to pole with Locking Cone
- Made in Germany



Part No.	Size	Pack
GTT35	35 cm	10
GTT45	45 cm	10

Green Label MICROWIPE



EU Ecolabel:
DE/016/037



The sustainable microfibre cloth.

- Sustainable fibre production with reduced environmental impact
- Packaged in recycled folia
- Fabric weight: 350 g/m²
- Machine washable up to 500 times

Part No.	Size	Material	Pack
GTMC4	40x40 cm	Microfibre	10
GTMC6	60x80 cm	Microfibre	10

80 % recycled polyester, 20 % polyamide

Green Label BUCKET 12 L



Bucket for glass cleaning, made of non-hazardous materials.

- Avoidance of toxic chemical products
- 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
- Made in Germany

Part No.	Capacity	Inside dim.	Pack
GTB12	12 l	40x19cm	10

Green Label LIQUID



EU Ecolabel:
DE/020/517



Window cleaning soap, gel-like concentrate (1:100).

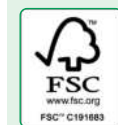
- Can be applied directly to the washer sleeve or dissolved in water
- pH value 5,1 in aqueous solution
- Container made from recycled material
- Made in Germany

Art. Nr.	Content	Pack
GTL10	1 l	12



C2C Certified Material Health Certificate™ Silver

In order to obtain the Material Health Certificate, all chemicals used in the value chain must be analysed and evaluated with regard to health and environmental hazards. Dangerous chemicals are avoided and replaced with safer substances – for sustainable production.



FSC™

FSC-certified natural rubber is used in our squeegee rubbers – for more sustainable forest management. FSC-certified forests and plantations are managed according to stricter environmental and social principles. FSC-certified materials can be traced throughout the supply chain at all times.



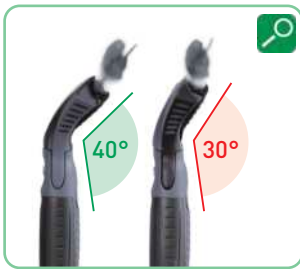
EU Ecolabel

The European Commission awards the EU Ecolabel to products that have a lower environmental impact than comparable products and are therefore healthier and more environmentally friendly. The criteria differ depending on the product group. In the case of textile and cleaning products, evaluation is based on the proportion of recycled materials, the limitation of toxic chemicals, the biodegradability as well as the cleaning performance and durability.

TRADITIONAL WINDOW CLEANING SQUEEGEES



NINJA™



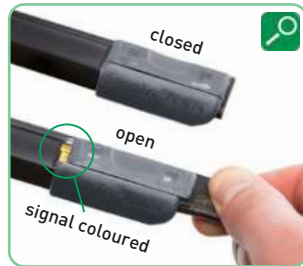
Choose between 40° and 30° head angle versions



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



THE NINJA™ WINDOW SQUEEGEE



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

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



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

TRADITIONAL WINDOW CLEANING SQUEEGEES



Quality Tools for Smart Cleaning

ERGOtec®



Green Label WINDOW SQUEEGEE

Complete squeegee with FSC™-certified rubber.

- Handle & S-Channel: Non-hazardous materials
- Ergonomic handle made of two components. Complete with S-channel.
- Handle with comfortable S-spring for quick and simple channel change
- Usual high UNGER quality
- Made in Germany

Part No.	Size	Rubber	Pack
GTS35	35 cm	Medium	10
GTS45	45 cm	Medium	10
GTSH0*		Handle	10

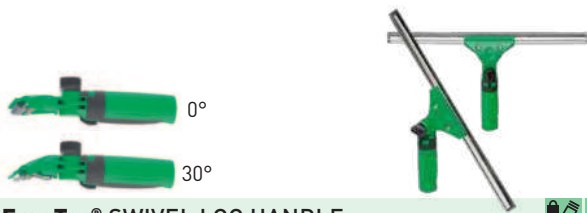


ErgoTec® SQUEEGEE

Stainless steel squeegee with bi-component handle.

- Handle with comfortable S-spring for quick and simple channel change
- Fits securely to pole with Locking Cone
- Compatible with S-Channel and S-Channel Plus
- ES35G, ES45G: including green rubber with outstanding sliding ability

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



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

2IN1



VisaVersa® Pro - 2 IN 1 WINDOW SQUEEGEE

Squeegee and washer in one tool. Complete with S-Channel, Microfibre Pad and soft rubber.

- Premium microfibre for ultimate cleaning power and high water absorption
- Locking clip for removing or turning the squeegee
- Won't twist and fall off telescopic poles thanks to ErgoTec® safety cone
- Compatible with S-Channel and S-Channel Plus

Part No.	Size	Rubber	Product	Pack
VV250	25 cm	Soft	VisaVersa Pro complete	8
VV350	35 cm	Soft	VisaVersa Pro complete	8
VV450	45 cm	Soft	VisaVersa Pro complete	8
VEP25	25 cm		VisaVersa Pro Pad	10
VEP35	35 cm		VisaVersa Pro Pad	10
VEP45	45 cm		VisaVersa Pro Pad	10

Pad: 100% polyester

PERFECTLY CLEAN WINDOWS IN AN INSTANT

Wash - turn over - squeegee -
DONE!

QUICK & SAFE:
Ideal for use with telescopic poles



VISA VERSA PRO
2 IN 1 WINDOW SQUEEGEE



TRADITIONAL WINDOW CLEANING SQUEEGEES



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



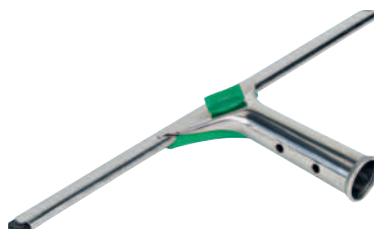
UniTec SQUEEGEE LIGHT



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



UniTec SQUEEGEE



Convenient metal squeegee, good value.

- Sturdy
- Firm channel fit with screws
- Fits on telescopic pole

Part No.	Size	Pack
OW350	35 cm	10



GC BRASS SQUEEGEE HANDLE



Classic style brass handle.

- Sturdy and durable
- Firm channel fit with screws
- Fits on telescopic pole

Part No.	Pack
GS000	10

TRADITIONAL WINDOW CLEANING CHANNELS



Quality Tools for Smart Cleaning



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.

- Strong and durable
- Easy change of rubber
- Fits ErgoTec®, S- and Pro-squeegees

Part No.	Size	Rubber	Pack
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
NE35H	35 cm	Hard	10
NE45H	45 cm	Hard	10
NE55H	55 cm	Hard	10



Green Label S-CHANNEL



Complete with FSC™-certified rubber.

- S-Channel: Non-hazardous materials
- Rubber: Degree of hardness: Medium, proportionally with FSC™-certified natural rubber
- Professional quality with sharp edges for streak-free removal
- Made in Germany

Part No.	Size	Rubber	Pack
GTC35	35 cm	Medium	10
GTC45	45 cm	Medium	10



GC BRASS CHANNEL



Brass channels, complete with soft rubber and plastic clips.

- Strong and durable
- Fits on GC brass handle and on Pro handle

Part No.	Size	Pack
GC350	35 cm	10
GC450	45 cm	10

PLASTIC CLIPS

For improved hold of rubber in the channel. Solid plastic.

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

TRADITIONAL WINDOW CLEANING RUBBER



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



SOFT

HARD

Pro SQUEEGEE RUBBER ***

10 rubbers per bag. Professional quality.

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

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



Green Label SQUEEGEE RUBBER ***

FSC™-certified rubber, Medium degree of hardness

- Proportionally with FSC™-certified natural rubber
- Professional quality with sharp edges for streak-free removal
- Made in Germany

MEDIUM

Part No.	Size	Pack
GTR25	25 cm	10
GTR35	35 cm	10
GTR45	45 cm	10
GTR55	55 cm	10
GTR99	106 cm	10



SOFT

HARD

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

i RUBBER INFO

SOFT



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

MEDIUM



- Shore hardness: 56 ± 3
- Ideal all year round
- Suitable for all surfaces

HARD



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



HIGHWAY RUBBER ★

Cut to fit 15 m rubber roll in cardboard box. Extruded - Household quality.

Part No.	Size	Pack
HIXXL	15 m	1

TRADITIONAL WINDOW CLEANING SQUEEGEES



Quality Tools for Smart Cleaning

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*			🔍
		Material	Head Angle	Fits to Locking Cone	Tension adjustment	Fitting	Sizes	Material	Com-patibility	Type	Quality	Fitting	
NINJA™	***	2 components	30°/40°		✓	TriLoc clip	20 – 105 cm	T6 Aluminium	Ninja Alu Channel	Molded	Soft & Hard	TriLoc Clipl	p. 32
ErgoTec® Carbon	***	Carbon fibre	30°		-	S-Spring	only handle	-	S-Channel S-Channel Plus	-	-	S-Spring	p. 33
GreenLabel ErgoTec®	***	2 components	30°		-	S-Spring	35 – 45 cm	Stainless Steel	S-Channel S-Channel Plus	Molded	Medium	S-Spring comfort	p. 31/33
ErgoTec®	***	2 components	30°		-	0° screwed plate 30° S-Spring	15 – 55 cm	Stainless Steel	S-Channel S-Channel Plus	Only handle	Soft & Hard	S-Spring comfort	p. 33
ErgoTec® SwivelLoc	***	2 components	0°/30°		✓	S-Spring	only handle 0° / 30°	Stainless Steel	S-Channel S-Channel Plus	Molded	-	0°: screw off plate 30° press S-Spring	p. 33
Visa-Versa® Pro	***	2 components	30°		-	S-Spring	25 – 45 cm	Stainless Steel	S-Channel S-Channel Plus	Molded	Soft	S-Spring comfort	p. 33
S	**	Metal + Rubber sleeve	30°		-	S-Spring	15 – 55 cm	Stainless Steel	S-Channel S-Channel Plus	Molded	Soft & Hard	S-Spring	p. 34
Pro	**	Metal + Rubber sleeve	30°		-	Pro Clip	15 – 55 cm	-	S-Channel S-Channel Plus	-	Soft & Hard	Pro Clip	p. 34
GC	*	Brass	30°		-	Screwed Plate	35 – 45 cm	Brass	Brass Channel	Extruded	Soft	Screw off plate	p. 34
UniTec	*	Metal	30°		-	Rotary button	35 cm	Stainless Steel	S-Channel S-Channel Plus	Extruded	Standard	Rotary button	p. 34
UniTec Light	*	Plastic	30°		-	Channel hold by handle	30 cm	Aluminium	Alu Channel	Extruded	Household quality	Fixed to channel	p. 34

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, medium or hard rubber? Professional quality or is standard quality enough?

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

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



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



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® 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

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® 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® 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



Quality Tools for Smart Cleaning



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



Green Label WASHER T-BAR



Durable plastic T-Bar with ergonomic bi-component handle.

- Avoidance of toxic chemical products
- Water wells for increased water retention
- Fits securely to pole with Locking Cone
- Made in Germany

Part No.	Size	Pack
GTT35	35 cm	10
GTT45	45 cm	10



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



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



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



UniTec T-BAR

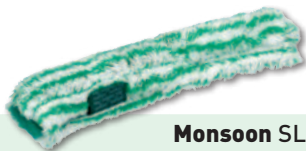
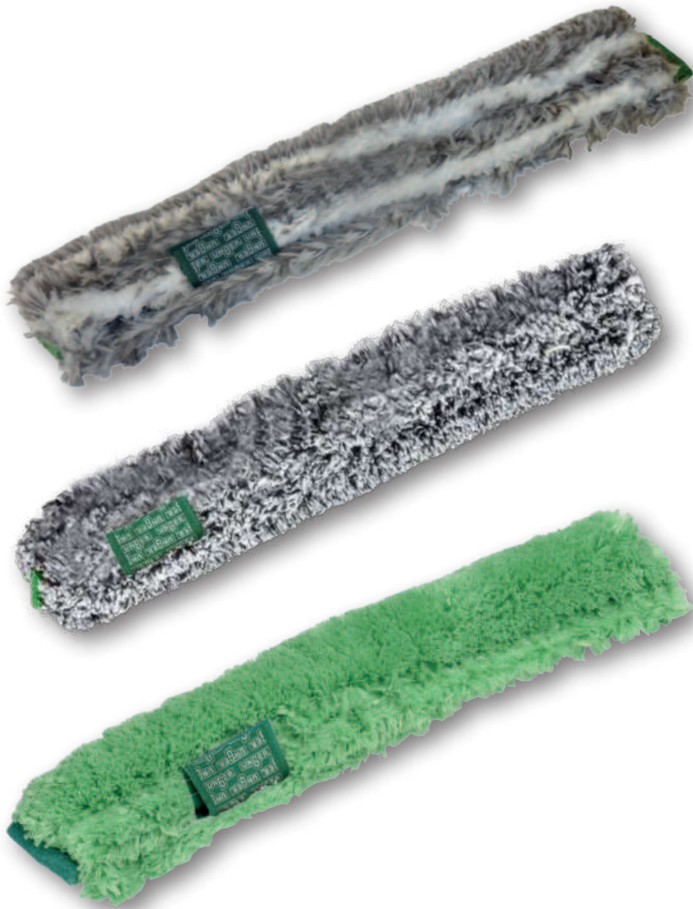


Lightweight monolithic plastic T-Bar.

- Water wells for increased water retention
- Fits securely to pole with Locking Cone

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

TRADITIONAL WINDOW CLEANING WASHER SLEEVES



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



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

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*	10
NJ350	35 cm	Blended fabric*	10
NJ450	45 cm	Blended fabric*	10
NJ550	55 cm	Blended fabric*	10
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

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



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



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
ON350	35 cm	Polyester*	10
ON450	45 cm	Polyester*	10

*Support material/Fibres: 100 % polyester

TRADITIONAL WINDOW CLEANING WASHERS



Quality Tools for Smart Cleaning

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	Water wells	
NINJA™	***	Plastic with rubber insert		✓	Screw	Aluminium	Very light	25 – 75 cm	-	p. 39
ErgoTec® Green Label*	***	Plastic with rubber insert*		-	-	Plastic	Light	35 – 45 cm	✓	p. 39
ErgoTec®	***	Plastic with rubber insert		-	-	Plastic	Light	25 – 45 cm	✓	p. 39
Alu	**	Plastic		-	-	Aluminium	Very light	15 – 45 cm	-	p. 39
Swivel	**	Plastic		✓	Knob	Aluminium	Very light	35 + 45 cm	-	p. 39
UniTec	*	Plastic		-	-	Plastic	Light	35 – 45 cm	✓	p. 39

*C2C Certified Material Health Certificate™ Silver

SLEEVES

	BUDGET	MATERIAL	MICROFIBRE	FEATURES	AVAILABLE SIZES	FASTENING	SCRUB PAD	
NINJA™	***	100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide**	✓	Ultimate cleaning performance	25 – 75 cm	Hooks & Loops	2 x	p. 40
Power	***	100 % polyester*/**	✓	20 % higher water absorption***	25 – 55 cm	Hooks & Loops	1 x	p. 40
MicroStrip	***	100 % polyamide* 100 % polyethylene**	✓	High water retention - up to 6 times its own weight	25 – 45 cm	Hooks & Loops	1 x	p. 40
Monsoon	**	100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide**	-	Handles large areas	15 – 45 cm	Hooks & Loops	1 x	p. 40
Pad	**	100 % polyethylene* 80 % polyacrylic** 20 % polyethylene**	-	Removes tough dirt	35 + 45 cm	Hooks & Loops	scrubbing surface	p. 40
Original	*	100 % polyethylene* 100 % polyacrylic**	-	Good cleaning power	25 – 45 cm	Hooks & Loops	1 x	p. 40
UniTec	*	100 % polyester*/**	-	Standard cleaning power	35 – 45 cm	Snap fasteners	-	p. 40

* Support material
** Fibres

***than standard microfibre sleeves

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

NINJA™



Available in 2 sizes:
10 cm 15 cm



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

NINJA™ COMBO (SCRAPER + HOLSTER)

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



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



Practical Holster & Scraper Combo

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.



ERGO TEC® NINJA
SCRAPER



NINJA™ HOLSTER

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



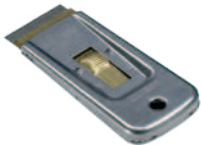
ErgoTec® SAFETY SCRAPER

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



STMIN



22233

MINI SCRAPER

*

Handy plastic scraper with special locking mechanism.

- Extremely handy - fits anywhere!
- Single edge blade for safety
- 2223: Gentle dirt removal on sensitive surfaces.

Part No.	Size	Info	Pack
STMIN	4 cm carbon	In a plastic bucket	100
22233	4 cm plastic	In a plastic bucket	100



CARBON STEEL BLADES FOR GLASS SCRAPERS 4 cm

For **SR03K, SR04K, SR20K, SR50K, STMIN, 22233.**

- 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.



100

SRB10



50

x5

SRB20



48

x10

SRBDB

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



250

KL100



10

x25

TR100/TR150

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

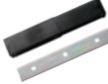

- Check if glass is scratch-resistant and suitable for scraper use. Unsuitable for use on Plexiglas, crown glass, solar glass, safety glass (ESG). Follow the manufacturer's care instructions
- Perform a scrape test in advance on an inconspicuous section
- Before starting work, check the glass for damage 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	ANGLE ADJUSTMENT	BLADE CHANGE	PROTECTION MECHANISM	
 NINJA™ (EN100, EN150)	***	Stainless steel	10 cm 15 cm	bi-component plastic		✓	Carriage	Cap	p. 42
 ErgoTec® (EG100, EG150)	***	Carbon steel	10 cm 15 cm	bi-component plastic		-	Carriage	Cap	p. 43
 PROTRIM (TX100)	***	Carbon steel	10 cm	Plastic	-	-	unfold	retractable blade	p. 43
 ErgoTec® SAFETY SCRAPER (SR03K, SR04K)	***	Carbon steel	4 cm	Stainless steel with rubber coating	-	-	push out sideways	retractable blade	p. 43
 TRIM 10+1 (TM100, TH100)	**	Carbon steel	10 cm	Stainless steel	-	-	push out sideways	Folding mechanism	p. 43
 SAFETY SCRAPER (SR20K, SR50K)	**	Carbon steel	4 cm	Stainless steel	-	-	push out sideways	retractable blade	p. 43
 MINI SCRAPER (STMIN, 22233)	*	Carbon steel (STMIN) Plastic (22233)	4 cm	Plastic	-	-	push out sideways	Turn blade	p. 43

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		
 PREMIUM GLASS SCRAPER BLADES (ENB10, ENB15)	***	Stainless steel	15 cm	✓	✓	-	-	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 42	
			10 cm	✓	✓	✓	✓	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 42	
 GLASS SCRAPER BLADES (KL100, TR100, TR150, SRB10, SRB20, SRBDB)	***	Carbon steel	15 cm	✓	✓	-	-	-	-	Carry case	25 blades	10 carry cases (250 blades)	p. 43	
			10 cm	✓	✓	✓	✓	-	-	Box	250 blades	1 box (250 blades)	p. 43	
											Blister pack	100 blades	1 blister pack (100 blades)	p. 43
			4 cm	-	-	-	-	-	✓	✓	Display box	50 boxes of 5 blades each	1 box (250 blades)	p. 43
								Display box	48 Dispenser of 10 blades each	1 box (480 blades)	p. 43			

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	
 ErgoTec® SCRAPER (SH000)	***	Stainless steel	10 cm	bi-component plastic		✓	unscrew	Cap	p. 44
 ErgoTec® LONG HANDLE SCRAPER (SH250)	***	Stainless steel	10 cm	Long handle (25cm) bi-component plastic	-	✓	unscrew	Cap	p. 44

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	
 PREMIUM SURFACE BLADES (RB100)	***	Stainless steel	10 cm	✓	✓	✓	Display Box	10 Dispenser 10 blades each	10 Dispenser (100 blades)	p. 44

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.

NINJA™ CARBON

The long-awaited innovation in window cleaning has finally arrived: the **NINJA™** Carbon Telescopic Pole. It perfectly combines form and function and sets new standards for maximum control and efficiency. With its ergonomic triangular shape, low weight and exceptional rigidity and stability, it offers maximum precision in professional window cleaning. Thanks to its compact length, it is also extremely handy and easy to transport when retracted.

- 2-, 3- or 4-section carbon fibre telescopic pole
Available in 6 different lengths
- Reach over 5.50 m (18 ft)
(max. pole length 5.50 m + body height)
- Maximum rigidity with low weight
- With **NINJA™** Locking Cone included

OptiLoc

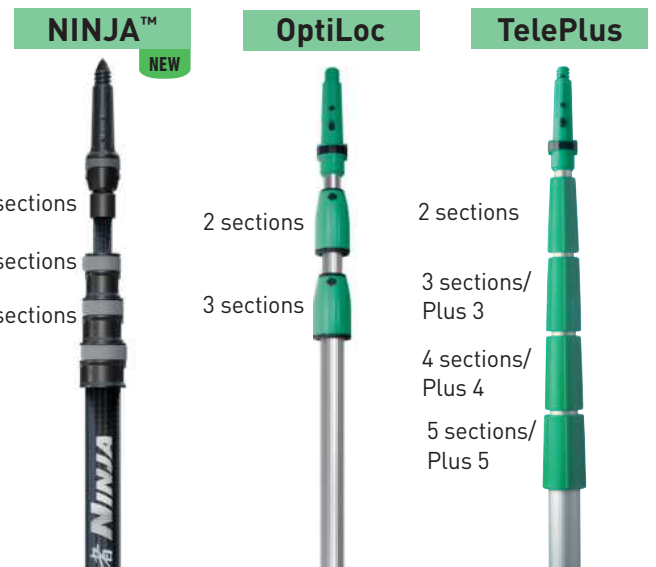
- 2 or 3 section telescopic pole
- Available in 9 different lengths
- Reach in excess of 9 m (30 ft)
(max. pole length 9 m (30 ft) + body height)
- Weight and rigidity perfectly balanced
- **ErgoTec®** Locking Cone included

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

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



TRADITIONAL WINDOW CLEANING

NINJA™ CARBON TELESCOPIC POLE



Quality Tools for Smart Cleaning



NEW

THE PREMIUM NINJA™ CARBON TELESCOPIC POLE

PERFORMANCE AND PRECISION AT THE HIGHEST LEVEL

The UNGER NINJA™ Carbon Telescopic Pole is the ultimate choice for a easier, more comfortable and more efficient window cleaning.



RUBBER POLE TIP

- Optimised hold for microfibre cloths
- Perfect for drying window edges and for spot polishing at height



LOCKING CONE

- Compatible with all UNGER tools
- Prevents the tools from falling
- Quick and easy tool change



EASY TO OPERATE CLAMPS

- Can be opened and closed quickly with one hand
- Stepless adjustment of the pole length
- Secure fixing when closing
- Pull-out stop prevents the pole elements from being pulled out too far



ERGONOMIC TRIANGULAR SHAPE

Precise and safe working without twisting or bending



CARBON MATERIAL

- Stiffer and more stable with optimum pressure transfer to the surface
- Low weight for fatigue-free working



2-COMPONENT HANDLE WITH NON-SLIP END CAP

- Ergonomic and secure grip, even in wet environments
- Safe stand when putting down the telescopic pole



NINJA™ CARBON-TELESCOPIC POLE

Part No.	Sections	Extended	Collapsed	Weight	Pack
NCP12	2	1,22 m	0,79 m	375 g	1
NCP19	4	1,92 m	0,79 m	770 g	1
NCP25	2	2,52 m	1,44 m	600 g	1
NCP35	3	3,54 m	1,44 m	965 g	1
NCP45	4	4,52 m	1,44 m	1.340 g	1
NCP55	4	5,52 m	1,69 m	1.565 g	1

NINJA™ ANGLE ADAPTER

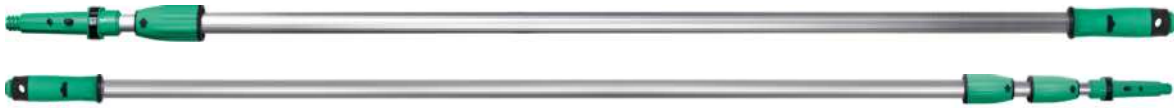
Part No.	Length	Material	Pack
NCPAN	26 cm	Plastic	5



TRADITIONAL WINDOW CLEANING TELESCOPIC POLE SYSTEM

OPTI LOC

★★★



OptiLoc POLE, 2 SECTIONS

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

Part No.	Size max.	Size min.	Pack
EZ120	1,25 m	0,78 m	10
EZ250	2,50 m	1,40 m	10
EZ300	3,00 m	1,65 m	10
EZ400	4,00 m	2,13 m	10



ONE STAGE POLE, 1 SECTION

Additional reach for cleaning glass. With ErgoTec® Locking cone. Ø 21 mm

Part No.	Size	Pack
HH240	60 cm	10



HANDLE EXTENSION

Additional reach for cleaning glass. With ErgoTec® Locking cone. Ø 21 mm

Part No.	Size	Pack
HH000	26 cm	10

OptiLoc POLE, 3 SECTIONS

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

Part No.	Size max.	Size min.	Pack
ED180	1,80 m	0,96 m	10
ED370	3,75 m	1,57 m	10
ED450	4,50 m	1,82 m	10
ED600	6,00 m	2,27 m	10
ED750	7,50 m	2,81 m	10
ED900	9,00 m	3,37 m	10

OPTILOC MULTI KIT 10

NEW

Qty.	Part No.	Elements	max. Length
1x	ED180	3	1,80 m
2x	EZ300	2	3,00 m
1x	ED370	3	3,75 m
2x	EZ400	2	4,00 m
2x	ED450	3	4,50 m
2x	ED600	3	6,00 m
Part No.		AK203	Pack: 1



TELE PLUS

★★★



TelePlus POLE, 1,25 m SECTIONS

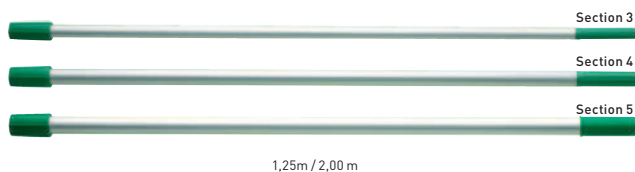
Modular Telescopic pole with ErgoTec® Locking Cone.

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

TelePlus EXTENSIONS, 1,25 m SECTIONS

For extending a TelePlus pole by elements 3, 4 and 5.

Part No.	Ø mm	for Pole	Size	Section	Pack
T3120	29	TZ250	1,25 m	3	5
T4120	33	TD370, T3120	1,25 m	4	5
T5120	37	TV500, T4120	1,25 m	5	5



1,25m / 2,00 m

TelePlus POLE, 2,00 m SECTIONS

Modular Telescopic pole with ErgoTec® Locking Cone.

Part No.	Size max.	Size min.	Sections	Pack
TZ400	4,00 m	2,24 m	2	5
TD600	6,00 m	2,42 m	3	5
TV800	8,00 m	2,48 m	4	5
TF100	10,00 m	2,52 m	5	5

TelePlus EXTENSIONS, 2,00 m SECTIONS

For extending a TelePlus pole by elements 3, 4 and 5.

Part No.	Ø mm	for Pole	Size	Section	Pack
T3200	29	TZ400	2,00 m	3	5
T4200	33	TD600, T3200	2,00 m	4	5
T5200	37	TV800, T4200	2,00 m	5	5

TELEPLUS MULTI KIT 10

NEW

Qty.	Part No.	Elements	max. Length
4x	TZ250	2	2,50 m
1x	TD370	3	3,70 m
2x	TZ400	2	4,00 m
1x	TF620	5	6,20 m
1x	TV800	4	8,00 m
1x	TF100	5	10,00 m
Part No.		AK204	Pack: 1

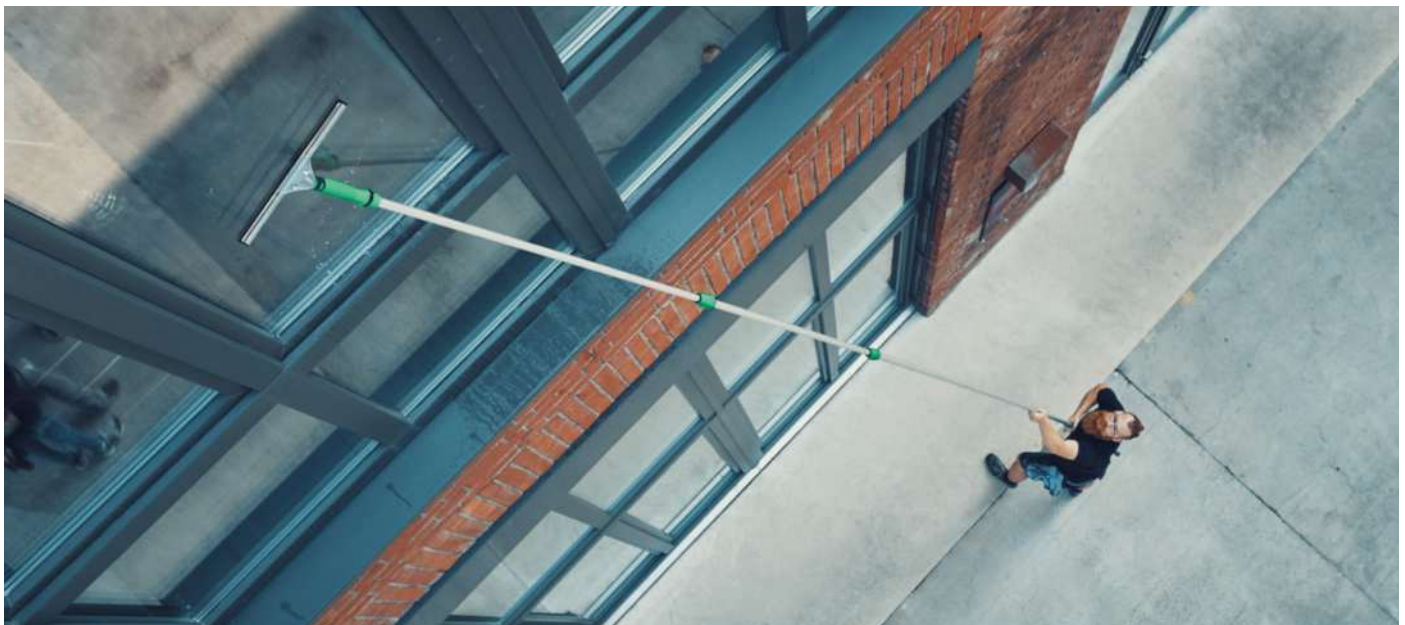


OVERVIEW TELESCOPIC POLES

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					
 NINJA™ Carbon		Telescopic	2	NCP12	NCP25									Clamps	2c plastic with Anti-slip end cap		
			3	NCP35													
			4	NCP19	NCP45												
			5	NCP55													
 OptiLoc (Alu)		Telescopic	2	EZ120	EZ250 EZ300	EZ400									Twist lock, 2c plastic	2c plastic with Anti-slip end cap	
			3	ED180	ED370	ED450	ED600	ED600	ED750	ED900							
 TelePlus (Alu)		Telescopic + modular	2	TZ250		+ T3120	+ T3120 + T4120	+ T3120 + T4120 + T5120						Twist lock, plastic	Plastic		
			3	TD370		+ T4120	+ T4120 + T5120										
			2	TZ400		+ T3200	+ T3200 + T4200 + T5200										
			4	TV500			+ T5120										
			3	TD600			+ T4200 + T5200										
			5	TF620													
4	TV800			+ T5200													
5	TF100																



LEARN HOW TO WASH WINDOWS WITH TELESCOPIC POLES



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 ATTACHMENT ADAPTERS



NINJA™ ANGLE ADAPTER ***

Sturdy plastic adapter for hard to reach places

- Freely adjustable angle
- Flexible work
- Easy-to-use quick-release
- Compatible with all traditional UNGER poles

Part No.	Pack
NCPAN	5



ANGLE ADAPTER FOR ALU-POLES ***

Freely adjustable angle allows access to hard-to-reach places.

- Available in sturdy zinc version or lightweight plastic version
- Fits to traditional UNGER aluminium telescopic poles

Part No.	Version	Pack
CJA00	Zinc	5
CJN00	Plastic	5



FIXI CLAMP

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



NINJA™ LOCKING CONE ***

Securely locks tools on the telescopic pole. Incl. ACME thread

- Including Rubber Pole Tip, optimised hold for microfibre cloths
- Compatible with all traditional UNGER poles
- Quick and easy tool change via release button

Part No.	Pack
NCPLC	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 ALU-POLES **

For attaching or screwing on tools. Incl. ACME thread

- Cone is inserted into alu pole and locks in place via stand spring

Part No.	Pack
NCA00	5



THREAD ADAPTER 1/2" 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

TRADITIONAL WINDOW CLEANING WINDOW CLOTHS

UNGER

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.



Green Label MICROWIPE ★★★

The sustainable microfibre cloth.

- Sustainable fibre production with reduced environmental impact
- Packaged in recycled folia
- Fabric weight: 350 g/m²
- Machine washable up to 500 times

Part No.	Size	Material	Pack
GTMC4	40 × 40 cm	Microfibre**	10
GTMC6	60 × 80 cm	Microfibre**	10

**80 % recycled polyester, 20 % polyamide



MICROWIPE LITE ★★

Lint free microfibre cloth.

- Fabric weight: 300 g/m²
- 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

* 80 % polyester, 20 % polyamide



NINJA™ MICROWIPE

Best in Class premium lint free microfibre cloth.

- Fabric weight: 400 g/m²
- 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 ★★★

The "Original" lint free microfibre cloth.

- Fabric weight: 350 g/m²
- 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 ²	Sheepskin	5
FS550	ca. 0,5 m ²	Sheepskin	5

TRADITIONAL WINDOW CLEANING

BUCKETS, BELTS, POUCHES



Green Label BUCKET 12 L

Bucket for glass cleaning, made of non-hazardous materials.

- Avoidance of toxic chemical products
- 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
- Made in Germany

Part No.	Capacity / Inside dimension	Pack
GTB12	12 l / 40 x 19cm	10



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
- Made in Germany

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
BSPOU	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



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 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



Green Label LIQUID



Window cleaning soap, gel-like concentrate (1:100).

- Can be applied directly to the washer sleeve or dissolved in water
- pH value 5,1 in aqueous solution
- Container made from recycled material
- Made in Germany

Part No.	Content	Pack
GTL10	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® WINDOW CLEANING GLOVES



Top quality for professional requirements

- Membrane technology, waterproof and breathable, hands stay dry and safe
- Merino wool lining, comfortable and keeps hands warm without sweating
- Excellent grip, non-slip coating ensures a secure grip
- Touchscreen function, easy use of smartphones

Part No.	Size	Hand circumference	Pack
GLON2	M	20 – 21 cm	5
GLON3	L	22 – 23 cm	5
GLON4	XL	24 – 25 cm	5

MATERIAL:

OUTER: 90% nylon, 10% elastane

MEMBRANE: breathable membrane

INSIDE: 35% merino wool, 35% polyester, 26% nylon, 4% elastane



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
GLO2L	8	20 – 21 cm	Neoprene, textile	5
GLO2X	9	22 – 23 cm	Neoprene, textile	5
GLO2Z	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

i IDENTIFY YOUR GLOVE SIZE:

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

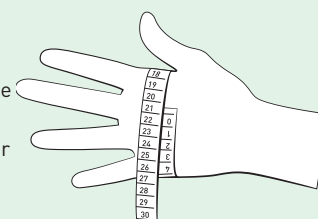
Check our size guide charts on the right to identify your glove size.

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!



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

ERGOTEC®



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



AK015

Illustration similar

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

TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS



Quality Tools for Smart Cleaning

忍者 NINJA™



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

NEW!

NINJA™ KITS	STARTER KIT	ADVANCED KIT	COMPLETE KIT	POLE KIT
Part No. / Product	2in1	4in1	6in1	6in1
NCP19 Ninja Carbon Telescopic Pole 1,90m, 4-sections				✓
NCPAN Ninja Angle Adapter				✓
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			✓	
FR10S Ninja Liquid 1l				✓
Part No.	AKN10	AKN12	AKN14	AKN19
Pack	5	5	5	1



AKN19

Illustration similar

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	✓	✓
OE350 UniTec Washer 35 cm, with UniTec sleeve (ON350)	✓	✓
SR20K Safety Scraper 4 cm		✓
MF40E MicroWipe Lite Microfibre Cloth 40x40 cm		✓
Part No.	AKG10	AKG14
Pack	10	10

TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS

ERGO TEC® 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

Content:

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
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

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

Content:

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
SR20K	Safety Scraper
TX100	ProTRIM10 Scraper

Part No. **TRS00**

Pack 1

CHANGED CONFIGURATION:
HBR00 (FIXI sponge) and
SP010 (FIXI brush) no longer included

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

Content:

		STARTER KIT	COMPLETE KIT
ED450	OptiLoc telescopic pole, 3 sections, 4,50 m		✓
EZ120	OptiLoc telescopic pole, 2 sections, 1,25 m	✓	
VV350	VisaVersa® Pro 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.		AK131	AK130
Pack		1	1





Quality Tools for Smart Cleaning

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. 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!

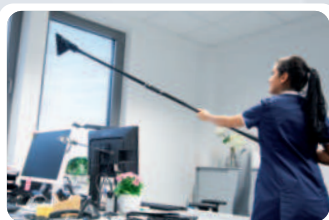


INDOOR WINDOW CLEANING



INCREDIBLE EASE-OF-USE

Professional results with minimal training



ERGONOMIC AND SAFE

Comfortable and safe working up to 5 m



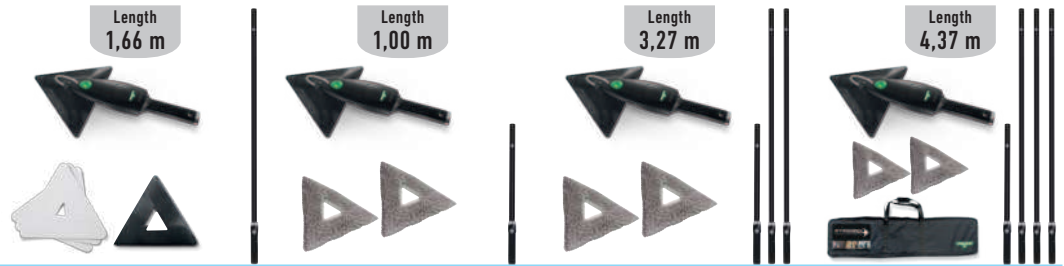
TOTAL FLEXIBILITY

Can be filled with ready-to-use glass and surface cleaners or with pure water



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

INDOOR WINDOW CLEANING STINGRAY OS SYSTEM



Stingray OS KITS		QUICKPAD KIT 160 OS	INDOOR CLEANING KIT 100 OS	INDOOR CLEANING KIT 330 OS	INDOOR CLEANING KIT 450 OS
Part No.	Content	SRK0D	SRK02	SRK03	SRK0H
	Handheld unit (includes 2 x Alkaline AA batteries)	✓	✓	✓	✓
SREXS	Easy-Click-Pole-short (0,63m)		✓	✓	✓
SREXL	Easy-Click-Poles-long (1,24m)	✓		2x	3x
SRPD2	Deep Cleaning Microfibre TriPad		2x	2x	2x
SRADK	Adapter with 25 QuickPads	✓			
SRBAG	Stingray Bag				✓
Pack		1	1	1	1



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 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 m²
- 3-layer construction: cleaning layer, absorbent core, and fastening layer
- Quick and easy pad change
- Adapterplate (SRADK) required (Spare Part)

Part No.	Version	Material	Pack
SRPD3	Pack of 25	54 % polyester, 46 % viscose	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



Stingray OS TANK

Replacement tank for black Stingray OS.

Part No.	Size	Pack
SRBT1	150 ml	1



Stingray GLASS CLEANER

Professional Glass Cleaner powered by 3M Scotchgard™, for Stingray system with silver cover, without tank.

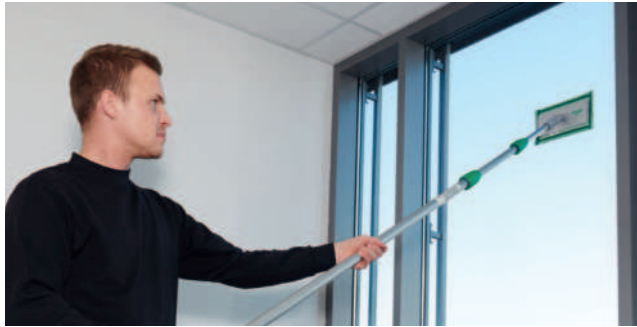
- Easy gliding, quick drying - high efficiency
- Cleaning power up to 150 m² (at low to medium polluted surfaces)
- 24 pouches (150 ml) in a box (= minimum order quantity)

Part No.	Content	Pack
SRL01	150 ml	24

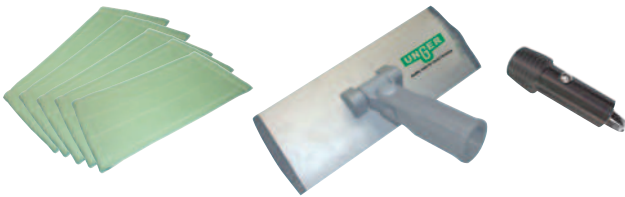
INDOOR WINDOW CLEANING CLEANING SYSTEM



Quality Tools for Smart Cleaning



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

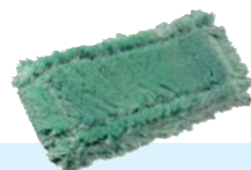
Part No.	Pack
PFK20	1



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 WASH PAD

Microfibre 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



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

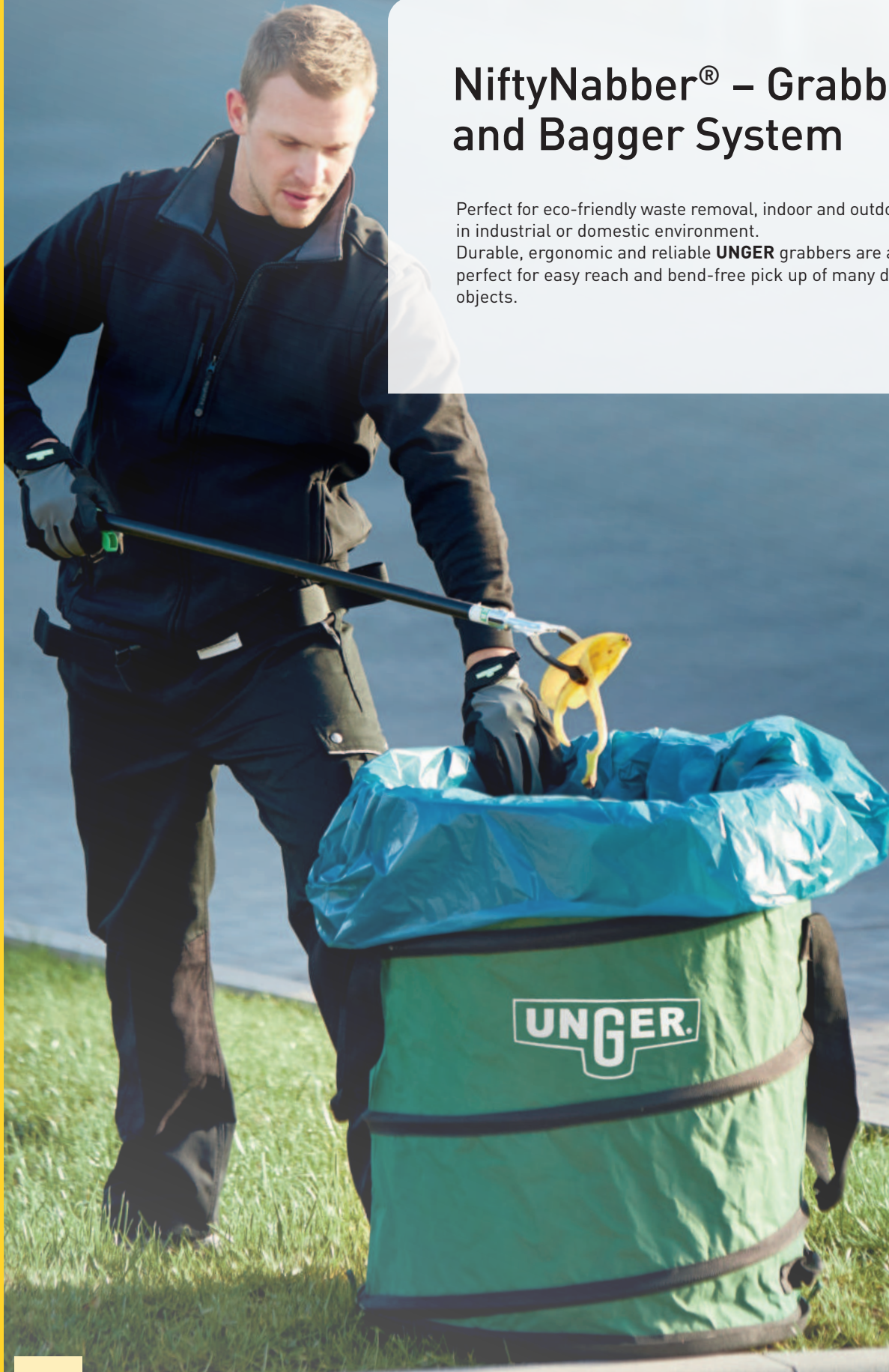
Fits to the belt for optimum weight support.
 - Flexible hose allows upside down spraying
 - 1 l bottle included
 - Compatible with standard bottles
 - Includes colour coding labels

Part No.	Content	Pack
SOABG	1 l	5

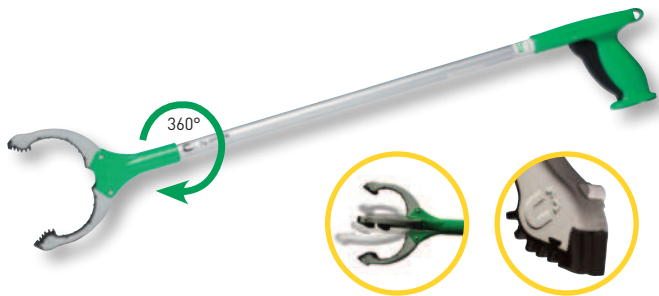
NiftyNabber® – Grabber and Bagger System

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.



LITTER PICKING & REACHING AIDS



NiftyNabber® TRIGGER GRIP

Durable litter picker with a strong internal metal bar

360° fully rotating head:

- Access narrow areas
- Locks securely every 90°.
- Robust metal bar inside, lightweight, designed to decrease fatigue

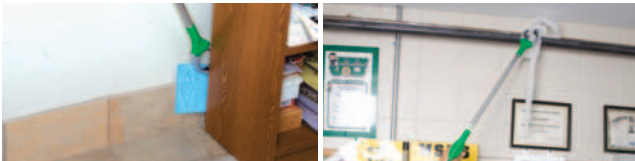
Trigger Grip Handle:

- Made with glass-reinforced plastic for increased durability

Rubber Claws with Magnetic Tip:

- Reliable grip. 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.

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



NiftyNabber® PRO

Heavy duty litter picker

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.

Rugged Design

- Strong enough for heavy-duty work, light enough to protect from back and arm strain.
- Holds items up to 4,5 kg

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.

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.

Part No.	Size	Pack
PPPP0	100 cm	10
PINP0	Replacement pins for Paper Picker	10



NiftyNabber® BAGGER

Durable and weatherproof waste carrier for 180 l bags that is a great multi-tasking alternative to plastic bags.

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.
- Carries up to 29.5 kg.

Practical:

- Folds flat and can be fixed with buttons for space-saving storage and transport.

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



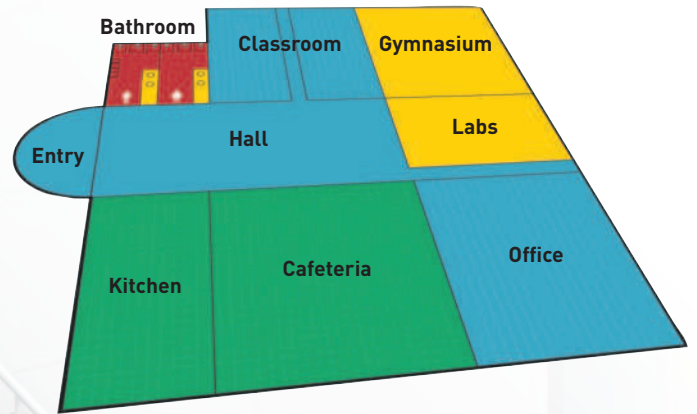
Professional Tools for daily and project cleaning tasks

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

MICROFIBRE CLOTH SYSTEM p. 63



DUSTING & BRUSHES p. 65



erGO! p. 66



FLOOR CLEANING p. 69



FLOOR SQUEEGEES, FLOOR HANDLES, FLOOR SCRAPERS p. 70



BATHROOM CLEANING p. 74



MICROFIBRE CLOTHS



Quality Tools for Smart Cleaning



SMARTCOLOR MICROWIPE 200

With EU Ecolabel

MicroWipe 200 - Perfect Cleaning with low initial investment.

EU Ecolabel certified!

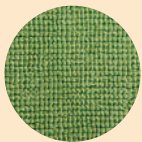
- High quality microfibre cloth. Resistant against frequent commercial wash cycles.
- Long service life - low long-term costs.
- Best cleaning performance in this price range.
- Holds dust and absorbs a lot of water.
- Colour coding: available in 5 colours.



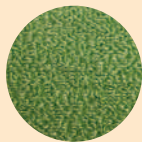
EU Ecolabel

The European Commission awards the EU Ecolabel to products that have a lower environmental impact than comparable products and are therefore healthier and more environmentally friendly. The criteria differ depending on the product group. In the case of textile and cleaning products, evaluation is based on the proportion of recycled materials, the limitation of toxic chemicals, the biodegradability as well as the cleaning performance and durability.

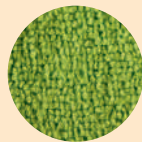
GRADING SYSTEM



MICROWIPE 4000



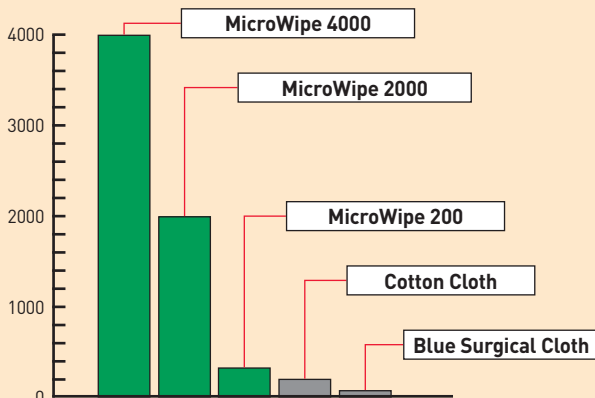
MICROWIPE 2000



MICROWIPE 200

- Guidelines for choosing the right microfibre for the right task
- Optimization of your return on investment (ROI) by purchasing the best grade for your needs
- Best microfibre quality in every grade

DURABILITY



TEST DESCRIPTIONS

The range of cleaning products that microfibre 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 microfibre cloths.

- **Durability (Wear Cycles)**** The higher the factor, the greater number of times the microfibre 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



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 ²	Durability	Scrub Factor (Abrasive)	Absorbency per m ²	Wash Cycles (approx.)	Material	Pack
4000									
MF40R	40 x 38 cm	●	450 g	4000**	38**	1700 ml*	1500	80 % polyester, 20 % polyamide	10
MF40J	40 x 38 cm	●	450 g	4000**	38**	1700 ml*	1500		10
MF400	40 x 38 cm	●	450 g	4000**	38**	1700 ml*	1500		10
MF40B	40 x 38 cm	●	450 g	4000**	38**	1700 ml*	1500		10
2000									
MB40R	40 x 40 cm	●	350 g	2000**	36**	1400 ml*	1000	80 % polyester, 20 % polyamide	10
MB40J	40 x 40 cm	●	350 g	2000**	36**	1400 ml*	1000		10
MB400	40 x 40 cm	●	350 g	2000**	36**	1400 ml*	1000		10
MB40B	40 x 40 cm	●	350 g	2000**	36**	1400 ml*	1000		10
200 with EU Ecolabel									
ME40R	40 x 40 cm	●	250 g	200**	39**	1700 ml*	200	80 % polyester, 20 % polyamide	10
ME40J	40 x 40 cm	●	250 g	200**	39**	1700 ml*	200		10
ME400	40 x 40 cm	●	250 g	200**	39**	1700 ml*	200		10
ME40B	40 x 40 cm	●	250 g	200**	39**	1700 ml*	200		10
ME40W***	40 x 40 cm	○	250 g	200**	39**	1700 ml*	200		10

Colours may vary from batch to batch.
***ME40W without EU Ecolabel

**ASTM Tests *Standard US Industry Tests, Details p. 63



SPRAYER ON A BELT

Fits to the belt for optimum weight support.

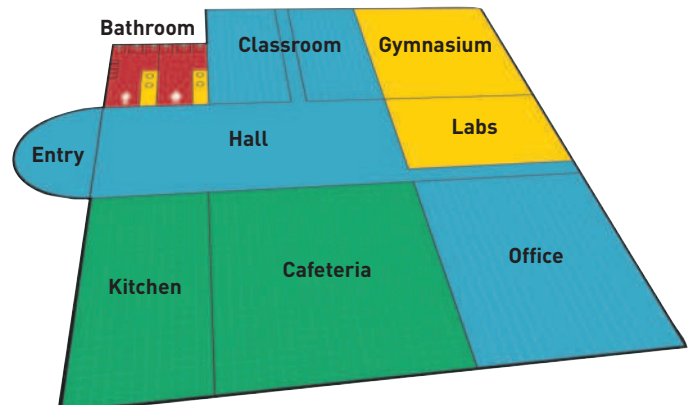
- Flexible hose allows upside down spraying
- 1 l bottle included
- Compatible with standard bottles
- Includes colour coding labels

Part No.	Content	Pack
SOABG	1l	5



RECOMMENDED USAGE

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



DUSTING BRUSHES & DUSTERS



Quality Tools for Smart Cleaning



**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®
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®
PIPE BRUSH**

Round and bendable for cleaning pipes and curved surfaces.

- Fits on telescopic pole

Part No.	Pack
PIPE0	5



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



**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



**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
LWDU0	6



**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



**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

FLOOR CLEANING

erGO! clean

Feel the intuitive motion

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

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

erGO! clean



THE erGO! clean SYSTEM

erGO! clean: OUTSTANDING EFFICIENCY AND SUPERIOR ERGONOMICS



erGO! clean KITS WITH TANK			
Content	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 1.000 ml & Colour Coding Rings FABTL / FAORS	✓	✓	✓

Tested by:



FLOOR CLEANING & FLOOR FINISHING

erGO! clean & erGO!wax


UNGER

Quality Tools for Smart Cleaning

The intuitive S-motion in series!

Performance without limits!
Perfect cleaning results with a maximum number of square metres and minimum training effort.

erGO! clean KIT WITHOUT TANK

Content	Flat Mop Starter Kit FAKT8	
S-Telescopic pole without trigger FAPLW		
Pocket mop holder 40 cm FAPMH		
Flat mop 40 cm FAPML		
SmartColor Combo 15l, grey COMSG		

erGO! clean



More efficient than ever before!

Ultra-fast & ergonomic with just one person.

INCREASED PRODUCTIVITY THANKS TO CONTINUOUS WORK WITHOUT INTERRUPTION

- No lifting or carrying heavy buckets
- Lint free and non-soaking sleeve for easy and perfect distribution of the finishing fluid
- Perfect working results with an even application of the cleaning agent by the blockage-free pulse spray system – which also guarantees precise dosing.

erGO! wax

erGO! wax KIT

Content	Floor-Finishing-Kit Finishing Pad FAKT5	
S-Telescopic Handle FAEPL		
3x Mop Pad Holder & Finishing Pad 40 cm FAVMH / FAVMF		
Backpack 5 l FABAP		



FLOOR CLEANING & FINISHING

erGO! clean & erGO! wax



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

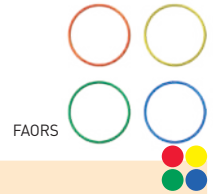


erGO! MOP HOLDERS

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! TANK

Easy connection tanks for erGO! handles

- 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	Tank	1
FAORS	1 pack = 4 pieces	Colour Coding Rings	1



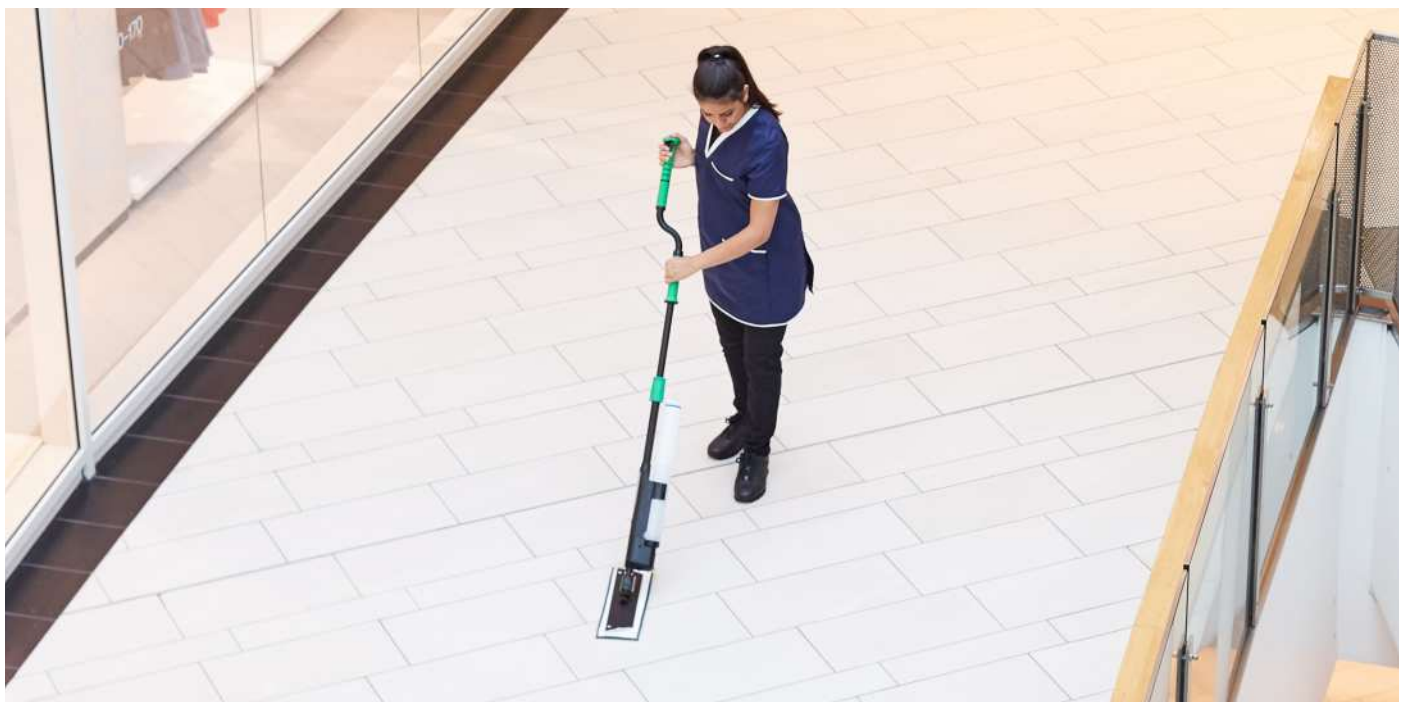
erGO! CLEANING MOPS & FINISHING PAD

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
- FAVMF: Finishing Pad, perfect for finishing floors

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

*100 % polyester microfibre



FLOOR CLEANING

DOUBLE BUCKET & MICROFIBRE MOPS



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



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



SB20G



CB20G

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 × 8 cm	10
CB20G	22 cm	10

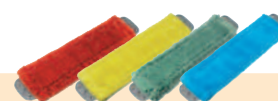


SmartColor FLAT MOP HOLDER

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	∅	Colour	Pack
SM40G	40 cm	21-23 mm	●	5



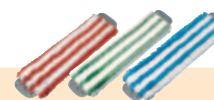
SmartColor MICRO MOP 15.0

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
MM400	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
MD400	40 cm	●	Microfibre*	5
MD40B	40 cm	●	Microfibre*	5

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









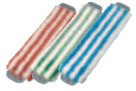





BENEFITS OF USING UNGER'S 100 % MICROFIBRE MOPS

- 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

FLOOR CLEANING

MICROFIBRE MOPS & FLOOR SQUEEGEES


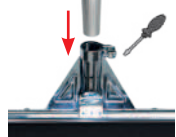
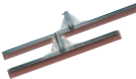
PRODUCT GUIDE - FLOOR CLEANING - WET & DAMP MOPPING

Mops / Pads p. 71-73	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
						Concrete/Cement	Epoxy Covering		
erGO! clean mops Pocket Flatmop 	✓	✓	Tiles/ On Roll	✓	Sealed*	✓	✓	erGO! Pocket Mop Holder 	SmartColor Combo 15 l/30 l 
SmartColor MICRO MOP 15.0 	✓		On Roll			Sealed*	✓*	SmartColor Mopholder 	
SmartColor MICRO MOP 7.0 			On Roll		Sealed	Sealed	✓*		
erGO! clean Mop Pad 	✓	✓	Tiles/ On Roll	✓		✓	✓	erGO! Mop Pad Holder 	

 Floor Handles p. 72

This information provided in this chart is for guidance only. No responsibility accepted for accuracy.
*To clean wooden floors or sealed surfaces, use damp or dry mop.

FLOOR SQUEEGEES

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	
Sanitary Combi Squeegee + Brush 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Natural rubber (black and natural foam material)	(+)	+	+	ACME thread	 p. 75
WaterWand (black Rubber) 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Black neoprene rubber (Chlorophen, foam material)	(+)	+	+	Universal socket	 p. 75
WaterWand (red Rubber) 	✓						✓	✓	✓	✓	✓		Push and dry: Water, liquids, solvents	Red neoprene rubber (Chlorophen, foam material)	+	++	++	Universal socket	 p. 75
AquaDozer® 	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Push away high volumes: Water, dirt, waste, shavings, snow	EPDM (Ethylene-propylene-diene)	+	+	+	Conical universal socket	 p. 75

* Aliphatics, Aromatics, Ketones, Varnishes

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



Floor Handles p. 72

FLOOR CLEANING

FLOOR SQUEEGEES



Quality Tools for Smart Cleaning



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
FP90C	90 cm	Curved	6



AquaDozer® ACME THREAD INSERT

For all AquaDozer®.

Part No.	Pack
FAAI0	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

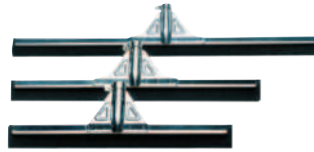


WaterWand STANDARD

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



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



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



WaterWand ACME THREAD INSERT

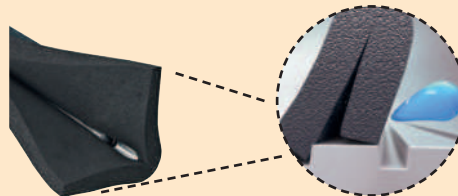
For all WaterWand squeegees.

Part No.	Pack
FWAI0	10



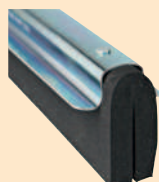
DOUBLE BLADE

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



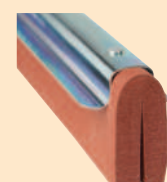
BLACK RUBBER

- 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



FLOOR CLEANING

FLOOR HANDLES



TELESCOPIC HANDLES

Ergonomic aluminium telescopic handles.

- Length can be adjusted and secured at any point to suite individual height
- Sturdy and lightweight aluminium with screw mechanism
- Also for reaching higher places without a ladder

Part No.	Size	Ø	Colour	Pack
FAPLW	1,30 – 1,70 m	21 mm	●	1
EZ250	1,40 – 2,50 m	21 mm	●	10



MOPHANDLE

Lightweight aluminium mop handle.

- Mop holder snaps into place
- Solid and light, made of aluminium, with ergonomic plastic handle

Part No.	Size	Ø	Colour	Pack
MH140	1,40 m	23 mm	●	20



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

Holder/Squeegee	FAPLW	MH140	EZ250	AL14A	AL14T	AL140	
Diameter	Ø 21 mm	Ø 23 mm	Ø 21 mm	Ø 25 mm	Ø 25 mm	Ø 25 mm	
Inserts & Threads	Hole	Hole for C-Clip	Hole/ACME Thread	ACME Thread	ACME Thread	Conical	
erGO! Pocket Mop Holder	FAPMH		✓				p. 68
SmartColor Mop Holder	SM40G	✓	✓				p. 69
erGO! Mop Pad Holder	FAVMH		✓				p. 68
Sanitary Combi Brush	PB45A PB55A		✓	✓	✓		p. 71
SmartColor SWIVEL Brushes	SB20G CB20G		✓	✓	✓		p. 69
WaterWand	MW450 HMxxx HWxxx			+ FWA10	+ FWA10	✓	p. 71
AquaDozer®	FP600 FP900			+ FAA10	✓		p. 71

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.	Length	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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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.	Length	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
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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



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.

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
BBCOR	2 x Brush head + 1 x handle	5



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



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® WASHER SLEEVE

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

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

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



ERGO WALL SQUEEGEE

- 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

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:





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WHENEVER YOU NEED INFORMATION – YOU CAN FIND US EVERYWHERE

Discover everything you need to know about **UNGER** products and the latest cleaning technologies on our homepage ungerglobal.com and in our social media channels. Experience **UNGER** live at numerous trade fairs.



TRADE SHOW



AMSTERDAM
14.-17.04.2026

Terms of delivery and payment: This product assortment, valid from 01.01.2026, replaces all previous lists.
The general terms of delivery and payment of **UNGER** Germany GmbH apply - No responsibility accepted for accuracy; subject to change without notice.

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