FLEX-Elektrowerkzeuge GmbH
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info@flex-tools.com
www.flex-tools.com

Polisher with high torque for processing large painted surfaces

PE 14-1 180

Order number 395.749



Technical attributes	
Max. polishing pad diameter	250 mm
Max. back-up pad diameter	180 mm
No load speed	250-1380 rpm
Power input	1400 watt
Power output	880 watt
Tool fixture	M 14
Cable length	4,0 m
Size (W x L x H)	405 x 84 x 117 mm
Weight	2,3 kg

Standard equipment	
1 handle	252.721

Polisher with high torque for processing large painted surfaces

+ Microprocessor electronics: stepless speed selection, tachogenerator-controlled constant speed, overload protection, re-start protection and temperature monitoring
+ Powerful 1400 watt motor with highly-efficient ventilator for optimum cooling
+ Continuous speed control trigger: for a gentle start (starting speed at setting 1 (250 rpm)) and a lock-on for continuous operation.
+ Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
+ Innovative combination of planetary and angular gears reduces noise to an absolute minimum
+ Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
+ Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
+ Spindle lock: It is ideally positioned to prevent operating error and does not interfere with the grip area.
+ With rubberised resting bar for safe setting down
+ Especially for processing large horizontal and vertical areas. For the automotive, maritime and aviation areas
+ Polishes at extremely low revolutions and high torque, e.g. for heat-sensitive surfaces
+ 4 metres PUR H05-BQF cable: wear-resistant, flexible and highly resistant to cuts and abrasions

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Accessories

Polish

Order number 443.271



Technical attributes	
Contents	250 ml
QTY/PKG	1

Universal high-performance abrasive paste with maximum removal rate for maximum gloss. Sanding grooves of grain size P 1500 can be removed in seconds. Ideally suited for all paint types, including scratch-resistant paints, UV paints and for treating gliders and motorized aircraft, boat hulls, polycarbonate and wood finishing work. The polish is free of wax, silicone and odorant solvents. Minor holograms might be caused by rotary working on dark paints. These can be polished out with the polish P 03/06-LDX in conjunction with the orange polishing sponge PS-O. Abrasiveness 5 / gloss 5.

Polish

Order number 443.298



Technical attributes	
Contents	250 ml
QTY/PKG	1

Special polish for removing scratches with a very deep sheen. Sanding grooves of grain size P 2000 can be removed in seconds. Ideal for all paint types, including scratch-resistant paints, UV paints and for freshening up colours in the case of old paints. Optimum results are achieved with eccentric 1-step working, and rotary working is of course also possible. The polish is silicone-free, produces little dust and can be easily rubbed in and wiped off. Abrasiveness 3 / gloss 6.

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Accessories

Sealing

Order number 443.301



Technical attributes	
Contents	250 ml
QTY/PKG	1

Paintwork-compatible sealant for new and previously polished paints. It's Carnauba wax protects paint against environmental influences, provides care and protects the high sheen. The sealant can be applied both with a machine (rotary/eccentric) using the red polishing sponge PS-R and manually with the red application sponge PUK-R. It contains no abrasive particles and can be painted over. Protective effect 2 / smoothness 4.

Microfibre polishing cloth, classic

Order number 317.098



Technical attributes	
Dimensions in mm	400 x 400
QTY/PKG	1

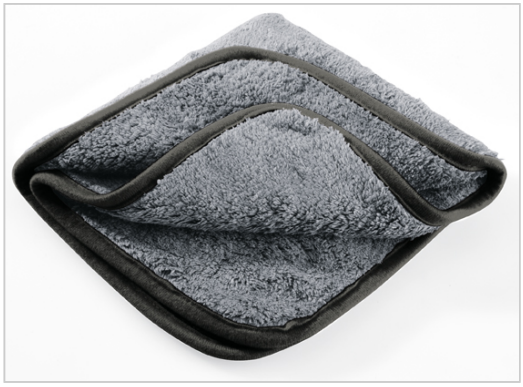
Seamless, washable. For gentle removal of polishing and sealing residues. For a perfect surface finish and brilliant deep gloss.

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Accessories

Microfibre polishing cloth, premium

Order number 376.531



Technical attributes	
Dimensions in mm	400 x 400
QTY/PKG	1

Thanks to the very high soft pile, residues can be picked up reliably and gently. This is what makes the microfibre cloth ideal for an optimum paint finish. It can also be used for car wash purposes. Long service life, washing machine safe (without softener).

Polishing sponge

Order number 442.682



Technical attributes	
Dimensions in mm	130 Ø
QTY/PKG	1

The red sponge for hand application is ergonomically shaped and has a very soft foam with a fine texture. It is ideally suited to working with sealants and care agents on painted and plastic surfaces, for hard-to-reach places or sensitive surfaces that are difficult to deal with by using a machine.

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Accessories

Velcro pad, cushioned M 14

Order number 240.311



Technical attributes	
Dimensions in mm	115 Ø
QTY/PKG	1

12 mm cell rubber for even pressure distribution for grinding, polishing or sealing cover up to 12.000 rpm (115) / 7.500 rpm (125). Not for LE 15-11 125/LBE 17-11 125.

Velcro pad, cushioned M 14



Technical attributes		
Dimensions in mm	QTY/PKG	Order number
125 Ø	1	350.737
150 Ø	1	350.745

12 mm cell rubber for even pressure distribution for grinding, polishing or sealing cover up to 12.000 rpm (115) / 7.500 rpm (125). Not for LE 15-11 125/LBE 17-11 125.

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Accessories

Polishing sponge

Order number 434.272



Technical attributes	
Dimensions in mm	135 Ø x 25
QTY/PKG	1

The green sponge has a very hard foam with an innovative X-Cut surface that guarantees a constant and evenly high removal rate. The X-Cut texture reduces the building-up of heat. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

Polishing sponge

Order number 434.280



Technical attributes	
Dimensions in mm	160 Ø x 25
QTY/PKG	1

The green sponge has a very hard foam with an innovative X-Cut surface that guarantees a constant and evenly high removal rate. The X-Cut texture reduces the building-up of heat. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

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Accessories

Polishing sponge

Order number 434.299



Technical attributes	
Dimensions in mm	200 Ø x 25
QTY/PKG	1

The green sponge has a very hard foam with an innovative X-Cut surface that guarantees a constant and evenly high removal rate. The X-Cut texture reduces the building-up of heat. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

Polishing sponge

Order number 434.450



Technical attributes	
Dimensions in mm	135 Ø x 25
QTY/PKG	1

The violet sponge has a hard foam for optimum cooling and guarantees a constant and evenly high removal rate. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

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Accessories

Polishing sponge

Order number 434.469



Technical attributes	
Dimensions in mm	160 Ø x 25
QTY/PKG	1

The violet sponge has a hard foam for optimum cooling and guarantees a constant and evenly high removal rate. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

Polishing sponge

Order number 436.410



Technical attributes	
Dimensions in mm	200 Ø x 25
QTY/PKG	1

The violet sponge has a hard foam for optimum cooling and guarantees a constant and evenly high removal rate. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with water droplets, orange peel, trapped dust, tar specks, scratches and bird droppings in conjunction with the P05/05-LDX.

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Accessories

Polishing sponge

Order number 434.310



Technical attributes	
Dimensions in mm	135 Ø x 25
QTY/PKG	1

The orange sponge has a medium-hardness foam with a fine foam texture. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with holograms, matting, scratches and car wash traces in conjunction with the P 03/06-LDX.

Polishing sponge

Order number 434.329



Technical attributes	
Dimensions in mm	160 Ø x 25
QTY/PKG	1

The orange sponge has a medium-hardness foam with a fine foam texture. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with holograms, matting, scratches and car wash traces in conjunction with the P 03/06-LDX.

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Accessories

Polishing sponge

Order number 434.337



Technical attributes	
Dimensions in mm	200 Ø x 25
QTY/PKG	1

The orange sponge has a medium-hardness foam with a fine foam texture. The foam is heat-resistant, tear-resistant and has very good endurance. Ideal for dealing with holograms, matting, scratches and car wash traces in conjunction with the P 03/06-LDX.

Polishing sponge

Order number 434.353



Technical attributes	
Dimensions in mm	135 Ø x 25
QTY/PKG	1

The red sponge has a very soft foam with a fine foam texture. The special PerfectTouch sandwich structure with an additional stronger white foam layer gives the sponge greater rigidity. This configuration increases the service life of the polishing disk. Ideal for dealing with holograms and slight matting in conjunction with the P 03/06-LDX, for paintwork care and sealing in conjunction with the W 02/04.

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Accessories

Polishing sponge

Order number 434.361



Technical attributes	
Dimensions in mm	160 Ø x 25
QTY/PKG	1

The red sponge has a very soft foam with a fine foam texture. The special PerfectTouch sandwich structure with an additional stronger white foam layer gives the sponge greater rigidity. This configuration increases the service life of the polishing disk. Ideal for dealing with holograms and slight matting in conjunction with the P 03/06-LDX, for paintwork care and sealing in conjunction with the W 02/04.

Polishing sponge

Order number 434.426



Technical attributes	
Dimensions in mm	200 Ø x 25
QTY/PKG	1

The red sponge has a very soft foam with a fine foam texture. The special PerfectTouch sandwich structure with an additional stronger white foam layer gives the sponge greater rigidity. This configuration increases the service life of the polishing disk. Ideal for dealing with holograms and slight matting in conjunction with the P 03/06-LDX, for paintwork care and sealing in conjunction with the W 02/04.

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Accessories

Velcro backed, classic



Technical attributes		
Dimensions in mm	QTY/PKG	Order number
150 Ø	1	342.521
200 Ø	1	350.265

The pad consists of 90 % lambswool and 10 % polyester. This composition provides for more stability and volume. For great polishing effect in combination with the fine polishing compound.

Polishing lambswool, premium



Technical attributes		
Dimensions in mm	QTY/PKG	Order number
140 Ø	1	376.515
160 Ø	1	376.523

Polishing lambswool consisting of 90% natural wool and 10% polyester. This combination provides for longer service life and greater volume. And it can remove sanding scratches , for example, 30% faster than with using a sponge. Ideal for UV paints and the latest generation of scratch-resistant paints. For a great polishing effect in combination with the fine polishing compound. The special PerfectTouch sandwich design and extra orange foam layer gives the pad that slight degree of cushioning and much greater stiffness. This allows for a perfect surface contact even in problem areas and an optimal and exact guiding.

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Accessories

Lambswool bonnet

Order number 123.870



Technical attributes	
Dimensions in mm	180 Ø
QTY/PKG	1

Lambswool bonnet with tightening cord, suitable for elastic backing pad. Made of 100% lambswool. For efficient processing of polishing pastes. Suitable for flexible backing pad.

Backed fleece



Technical attributes		
Dimensions in mm	QTY/PKG	Order number
125 Ø	1	122.726
175 Ø	1	122.734

Fibre-back and M 14 threaded flange for removing scratches in glass, stainless steel, acrylic and high-gloss polishing of stainless steel. Use only with the respective polishing mediums.

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Accessories

Spare fleece



With fiber backing.

Technical attributes		
Dimensions in mm	QTY/PKG	Order number
125 Ø	1	122.742
175 Ø	1	122.750

Buffing wheel mount, M 14

Order number 123.803



Technical attributes	
Dimensions in mm	60
QTY/PKG	1

Carrying bag for polisher

Order number 333.573



Technical attributes	
QTY/PKG	1

Practical mobile carry bag offer lots of room for machine and accessories, with variable pockets.

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Accessories

Swirl Finder Pocket Light

Order number 463.302

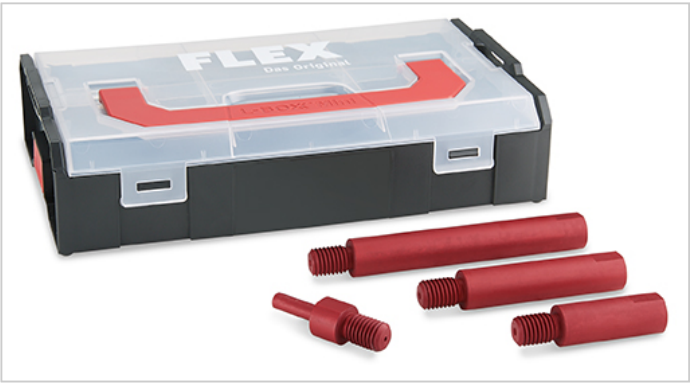


Technical attributes	
QTY/PKG	1
Size (W x L x H)	190 x 58 x 43 mm
Weight	0,056 kg

LED light for easy control of surface conditions. Due to the colour temperature and reproduction, surface damage such as holograms, scratches etc. become better visible. Light intensity 140 lumens and adjustable focus with a beam angle of 10° -70°, lighting time approx. 2 hours incl. batteries.

Extension set for rotary polisher

Order number 458.813



Technical attributes	
QTY/PKG	1 set

Rotary polisher extensions to facilitate work in narrow and difficult to reach areas such as exterior mirrors, spoilers, bumpers, etc. Comprises three M14 anodized aluminium extensions in 50 mm, 80 mm, 120 mm and one M14 adapter for cordless screwdrivers. Shaft Ø 19 mm, width across flat SW 17, max. backing pad Ø 75 mm, max. polishing disc Ø 80 mm. Packaged in the practical Mini L-BOXX® with insert and separate compartment for the Swirl Finder SF 150-P LED light (not included).