

FLEX
Das Original

Cordless polishing without compromise

The FLEX cordless polishers



Freedom from cables!

FLEX is and remains the measure of all things for professional polishing quality. This applies unrestrictedly – and now without awkward cables as well. High end surface finishing then becomes as independent and flexible as never before.

A matter of course: With battery technology too, FLEX is uncompromising in system performance and reliability.



Perfect balance

Maximum freedom of movement and ergonomics for the user. The optimal location of the battery not only perfects the spread of weight, but also promotes the polisher's high-response manoeuvrability without disruptive elements and any possible contact with the painted workpiece. Never before has the polisher been so responsive!



Unlimited potential

- Random orbital or rotational drive technology
- For all users from the professional polisher to the beginner
- For all painted surfaces in automotive, caravanning, aviation, and maritime applications
- Two exchangeable batteries for work without breaks
- For perfect results



Cordless rotary polisher PE 150 18.0-EC

Concentrated power with high speed for high removal rate

Centred speed wheel for left
and right handers

Spindle lock

Ergonomic grip hood with
SoftGrip

M14
Tool holder

Long-life and powerful
EC motor





Intelligent Electronic Management System

Battery packs 2.5 Ah/5.0 Ah with KEEP COOL™ technology



Charge status indicator

Dust protection grille

Ergonomic handle with SoftGrip

Integrated discharge protection

Accelerator trigger switch with lock

The polisher for pros

Owing to their powerful and fast action, rotary polishers are best committed to the hands of experienced users. This rotary work leaves holograms in the paint that can afterwards be removed with the random orbital finisher.

Applications

- Car restorers
- Automotive workshops
- Smart repair
- Aviation
- Maritime
- Acrylic glass industry

Abrasiveness



Speed ¹⁾



Holograms ²⁾



Hologram removal



TECHNICAL DATA PE 150 18.0-EC

Max. polishing pad Ø	160 mm
Max. backing pad Ø	150 mm
Tool holder	M14
No-load speed	150 - 1450 rpm
Battery voltage	18 V
Battery capacity	2.5 / 5.0 Ah
Average battery runtime 2.5 Ah	up to 15 min
Average battery runtime 5.0 Ah	up to 35 min
Weight without battery	1.9 kg
Weight with 5.0 Ah battery	2.7 kg

PE 150 18.0-EC

Standard equipment

- 1 Velcro backing pad, Ø 150 mm
- 1 handle
- 1 carrying case L-BOXX® 238
- 1 case insert



Part	Part no.	Price excl. VAT
PE 150 18.0-EC	459.062	€399.00

PE 150 18.0-EC/5.0 Set

Standard equipment

- 1 Velcro backing pad, Ø 150 mm
- 1 handle
- 2 rechargeable batteries 5.0 Ah, AP 18.0/5.0
- 1 charger CA 10.8/18.0
- 1 carrying case L-BOXX® 238
- 1 case insert



Part	Part no.	Price excl. VAT
PE 150 18.0-EC/5.0 Set	447.153	€529.00

PE 150 18.0-EC/5.0 P-Set

Standard equipment

- 1 polishing sponge PS-0 160
- 1 polishing sponge PS-V 160
- 1 polishing wool pad TW-PT 160
- 1 polish P03/06-LDX 250 ml
- 1 polish P05/05-LDX 250 ml
- 1 microfibre cloth MW-P
- 1 Velcro backing pad, Ø 150 mm
- 2 rechargeable batteries 5.0 Ah, AP 18.0/5.0
- 1 charger CA 10.8/18.0
- 1 carrying case L-BOXX® 238
- 1 case insert
- 1 handle



Part	Part no.	Price excl. VAT
PE 150 18.0-EC/5.0 P-Set	461.229	€569.00



Cordless random orbital polisher, free running XFE 15 150 18.0-EC

Gentle to the surface and easy to operate

Centred speed wheel for left and right handers

Long-life and powerful
EC motor

Ergonomic grip hood with
SoftGrip

Velcro pad
Ø 150 mm and Ø 125 mm





Intelligent Electronic Management System

Battery packs 2.5 Ah/5.0 Ah with KEEP COOL™ technology



Charge status indicator

Dust protection grille

Ergonomic handle with SoftGrip

Integrated discharge protection

Accelerator trigger switch with lock

The polisher for the fine work

Random orbital polishers remove material gently for reliable results. They are therefore suitable for semiprofessionals and beginners with a love for detail.

Applications

- Car restorers
- Automotive workshops
- Smart repair
- Aviation
- Automotive trade
- Maritime
- Acrylic glass industry

Abrasiveness



Speed ¹⁾



Holograms ²⁾



Hologram removal



TECHNICAL DATA XFE 15 150 18.0-EC

Max. polishing pad Ø	160 mm
Max. backing pad Ø	150 mm
Stroke	15 mm
No-load speed	2300 - 3800 rpm
Stroke rate at no-load	4600 - 7600 rpm
Battery voltage	18 V
Battery capacity	2.5 / 5.0 Ah
Average battery runtime 2.5 Ah	up to 20 min
Average battery runtime 5.0 Ah	up to 45 min
Weight without battery	2.1 kg
Weight with 5.0 Ah battery	2.8 kg

XFE 15 150 18.0-EC

Standard equipment

- 1 Velcro backing pad, Ø 125 mm
- 1 carrying case L-BOXX® 238
- 1 case insert



Part	Part no.	Price excl. VAT
XFE 15 150 18.0-EC	459.089	€399.00

XFE 15 150 18.0-EC/5.0 Set

Standard equipment

- 1 Velcro backing pad, Ø 125 mm
- 2 rechargeable batteries 5.0 Ah, AP 18.0/5.0
- 1 charger CA 10.8/18.0
- 1 carrying case L-BOXX® 238
- 1 case insert



Part	Part no.	Price excl. VAT
XFE 15 150 18.0-EC/5.0 Set	418.099	€529.00

XFE 15 150 18.0-EC/5.0 P Set

Standard equipment

- 1 polishing sponge PS-0 160
- 1 polishing sponge PS-R 160
- 1 polish P03/06-LDX 250 ml
- 1 sealant W02/04 250 ml
- 1 microfibre cloth MW-PC
- 1 Velcro backing pad, Ø 125 mm
- 2 rechargeable batteries 5.0 Ah, AP 18.0/5.0
- 1 charger CA 10.8/18.0
- 1 carrying case L-BOXX® 238
- 1 case insert



Part	Part no.	Price excl. VAT
XFE 15 150 18.0-EC/5.0 P Set	461.237	€569.00

Strong performance with system

Polish and pad play a crucial role in the polishing process. FLEX therefore provides a perfectly coordinated system with an optimum range of sponges for every application: simply use the correct colour to successfully achieve your goal.



Abrasive paste
P 05/05-LDX

High removal rate with maximum sheen

The universal high-performance abrasive paste removes P1500 grit abrasion marks in seconds.

- Suitable for all types of paint
- Contains no wax, silicone, or odorous solvents
- For use with rotary and random orbital polishers
- Abrasiveness 5 / gloss level 5

Part no.	Price excl. VAT
443.271	€15.20



Special polish
P 03/06-LDX

Scratch removal with a deep sheen

Ideal for polishing P2000 grit abrasion marks and for reviving old paintwork.

- Suitable for all types of paint
- Low-dust and silicone-free polish
- For single-stage random orbital polishing or rotary polishing
- Abrasiveness 3 / gloss level 6

Part no.	Price excl. VAT
443.298	€13.50



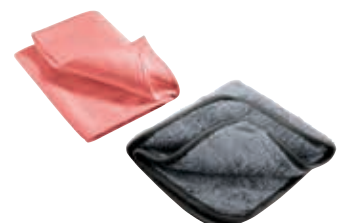
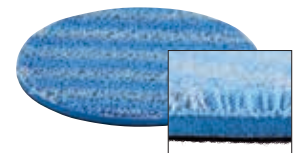
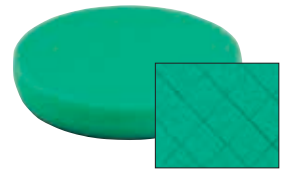
Sealant
W 02/04

Liquid preservation

Perfect paintwork protection with Carnauba wax

- For new or freshly polished paintwork
- Can be painted over
- Contains no abrasive particles
- Protects, cares for and maintains high sheen
- Can be applied with the red manual applicator sponge or with the orange sponge and a polisher
- Protective effect 2 / smoothness 4

Part no.	Price excl. VAT
443.301	€13.50



Sponge types

Green sponge – PSX-G

A very hard, reticulated foam with an innovative X-Cut surface that guarantees a uniform and very high removal rate even when used with the random orbital polisher. The X-Cut texture also reduces heat generation. The foam is heat resistant, tear resistant, and has a very good service life.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
PSX-G 40 VE2	442.631	€6.65
PSX-G 80 VE2	434.264	€8.70
PSX-G 140	434.272	€11.70
PSX-G 160	434.280	€14.70
PSX-G 200	434.299	€17.30

Violet sponge – PS-V

A hard, reticulated foam for optimum cooling and a uniform and high removal rate. It is slightly less abrasive than the green sponge PSX-G and is ideal for fresh coats of paint. The foam is heat resistant, tear resistant and has a good service life.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
PS-V 40 VE2	442.658	€6.65
PS-V 80 VE2	434.442	€8.70
PS-V 140	434.450	€11.70
PS-V 160	434.469	€14.70
PS-V 200	436.410	€17.30

Orange sponge – PS-O

A medium-hard, reticulated foam with a fine foam texture. It is heat resistant, very tear resistant and has a good service life.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
PS-O 40 VE2	442.666	€6.65
PS-O 80 VE2	434.302	€8.70
PS-O 140	434.310	€11.70
PS-O 160	434.329	€14.70
PS-O 200	434.337	€17.30

Red sponge – PS-R

A very soft, reticulated foam with a fine foam texture. It has a special PerfectTouch sandwich structure with an additional, firmer, white foam layer which gives the pad greater rigidity. This special structure also increases the service life of the polishing pad.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
PS-R 40 VE2	442.674	€6.65
PS-R 80 VE2	434.345	€8.70
PS-R 140	434.353	€11.70
PS-R 160	434.361	€14.70
PS-R 200	434.426	€17.30

Blue sponge – Microfibre polishing pad MC-PT 160

Especially for random orbital polishers, particularly those with a free-running pad. With these tools, a microfibre pad is more effective than a standard wool pad for heavy cutting work. The microfibre pad is also equipped with the tried and tested PerfectTouch sandwich surface. This ensures good pressure distribution without softening the orbital movement.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
MC-PT 160	434.434	€13.20

White pad – Wool polishing pad TW-PT

The TopWool pad is made of 90% natural wool and 10% polyester. This combination produces a better service life and more volume. The special PerfectTouch structure with the additional orange foam layer gives the pad gentle cushioning and greater rigidity.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
TW-PT 80	420.484	€6.05
TW-PT 140	376.515	€15.30
TW-PT 160	376.523	€17.80

Small red sponge – manual application sponge PUK-R 130

This sponge has an ergonomic shape and a very soft, reticulated foam with a fine foam texture. It is perfect for the manual application of sealants and care products to painted and plastic surfaces. An ideal supplement for difficult to reach places or sensitive surfaces that are difficult to treat with a tool, for example.

Cutting power



Part Ø sizes	Part no.	Price excl. VAT
PUK-R 130	442.682	€8.70

Classic microfibre polishing cloth MW-C

Seamless, washable. For the careful removal of polishing and sealing residues.

Premium microfibre polishing cloth MW-P

The pile is very long and soft for the reliable and very gentle absorption of residues. It can also be used for washing the car. Long service life, machine washable (do not use fabric softener).



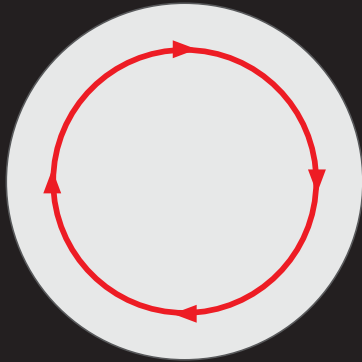
Part	Part no.	Price excl. VAT
MW-C	317.098	€12.10
MW-P	376.531	€13.00

The right drive

FLEX provides the whole range of drive technologies for polishers and thus solutions for all types of user, be they a professional or a beginner with little experience. As a matter of principle: rotary polishers belong exclusively in experienced hands because of their high removal rate and usually require subsequent finishing with a random orbital polisher.

Rotary

- Highest removal rate
- Rotary polishers require experience
- Quickest way to remove scratches
- Hologram formation possible



Abrasiveness



Speed ¹⁾



Holograms ²⁾

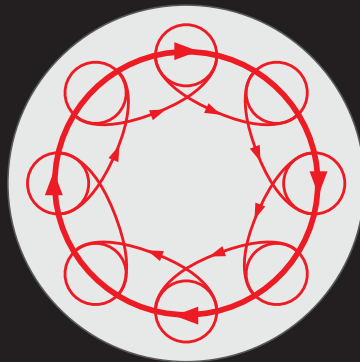


Hologram removal

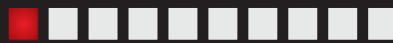


Random orbital, free running

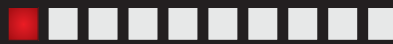
- Suitable for all types of user
- Easy handling
- No hologram formation
- Low removal rate
- Perfect for finishing



Abrasiveness



Speed ¹⁾



Holograms ²⁾

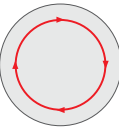


Hologram removal



1) Time required to remove damage
2) Risk of hologram formation

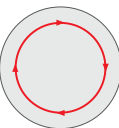
Rotary



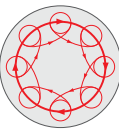
Random orbital, free running



Rotary



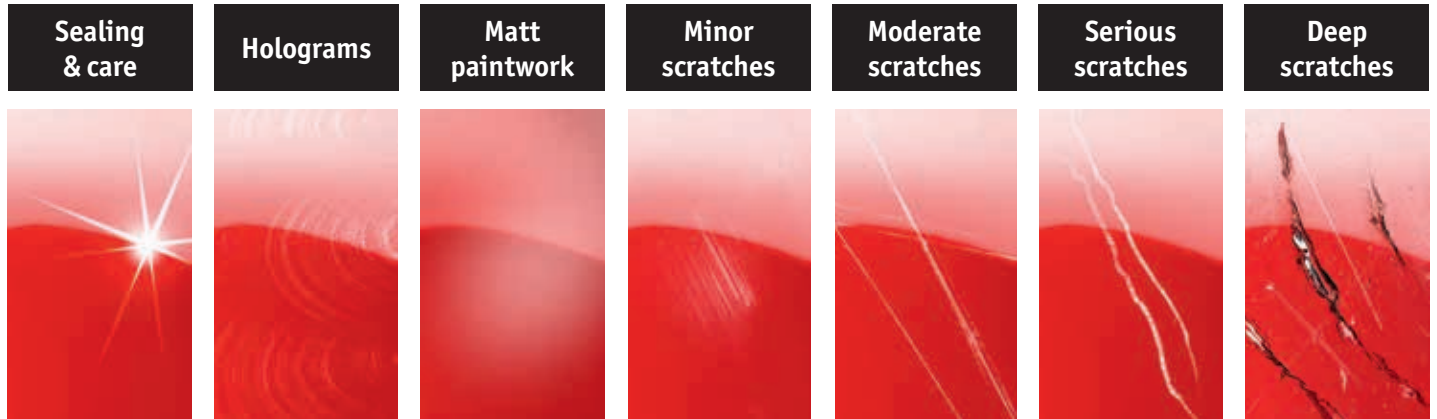
Random orbital, free running



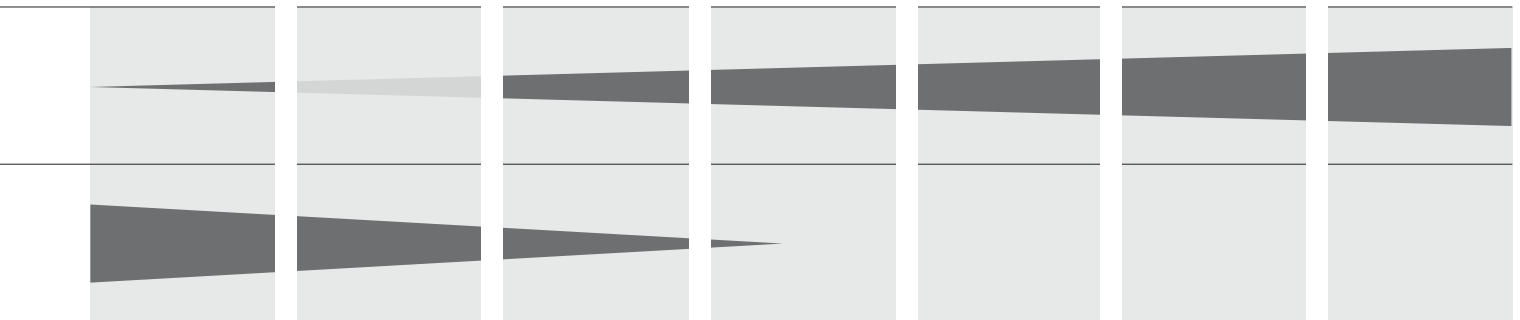
The right choice

FLEX gives you a clear overview. So that application, tool and accessories produce the perfect result.

Damage



Fields of application of the drive types



Fields of application of the pads and polishes



Powerpacks

Li-ion battery packs

AP 18.0 V 2.5 or 5.0 Ah

- Integrated charge and discharge protection
- Dust-proof and splash-proof
- Integrated charge status indicator shows at a glance the charge of the rechargeable battery cells

Part	Part no.	Price excl. VAT
AP 18.0 V 2.5 Ah	445.886	€63.00
AP 18.0 V 5.0 Ah	445.894	€98.00



Charging station CA 10.8/18.0

- Charges 10.8 V and 18.0 V battery packs.
- Integrated battery pack cooling, overheating, discharge and overload protection
- LCD display The large-format LCD display with a charge time and charge indicator shows the remaining charge time
- Charging times
 - 40 min for 2.5 Ah battery pack
 - 50 min for 5.0 Ah battery pack

Part	Part no.	Price excl. VAT
Charging station CA 10.8/18.0	417.882	€58.10



Power source PS 10.8/18.0

- Battery adapter for FLEX battery packs
- USB charger, e.g. for smartphones or the heating jacket
- 2 USB sockets
- Energy saving mode
- With belt clip
- Charging current 1.5 A / 12.0 V
- For the 10.8 V and 18.0 V battery packs

Part	Part no.	Price excl. VAT
Power source PS 10.8/18.0	417.971	€37.00



More information about our range of polishers is available from your trained specialist retailer or at www.flex-tools.com

FLEX
Das Original

FLEX-Elektrowerkzeuge GmbH

Bahnhofstrasse 15

71711 Steinheim

Germany

www.flex-tools.com



Your FLEX retailer: