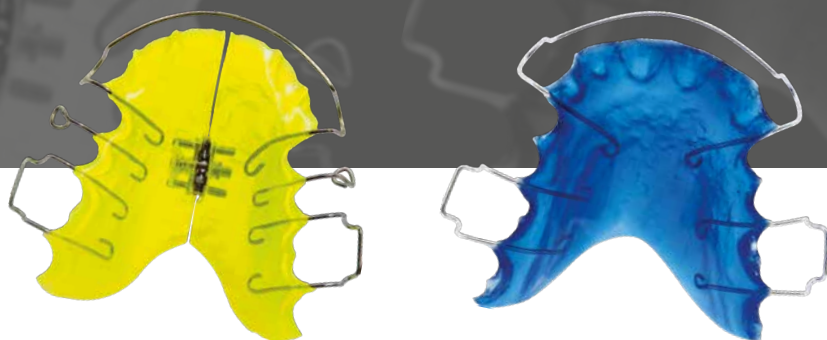


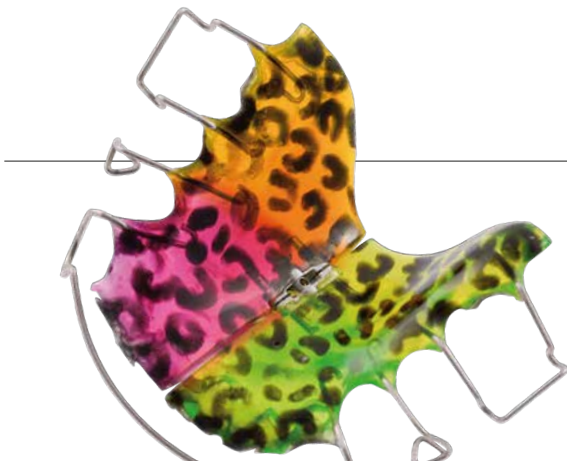
Orthodontic acrylics.

Vibrant colors – fascinating varieties.



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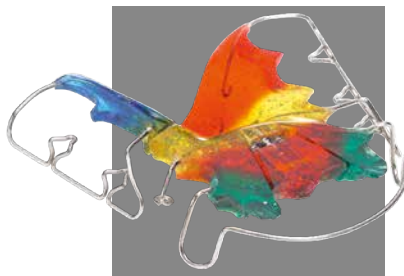




The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for 60 years. For generations, it has combined excellent product characteristics and easy handling.

There are no limits to your creativity, regardless of whether you choose black, white or multi-color – Orthocryl® offers maximum freedom in design with its variety of lively colors, glitter and decals. Apart from the conventional cold-curing acrylic, Orthocryl® is also available as light-curing material. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. It is light-curing, time-saving and easy to use.



Orthocryl® LC

The light-curing acrylic.

Orthocryl®

Suited for the salt-and-pepper technique.

Orthocryl® Neon

Vivid colors.

Orthocryl® EQ

Suited for the doughing technique.

Orthocryl® black & white

High-contrast, versatile.

A wide range of field-proven accessories

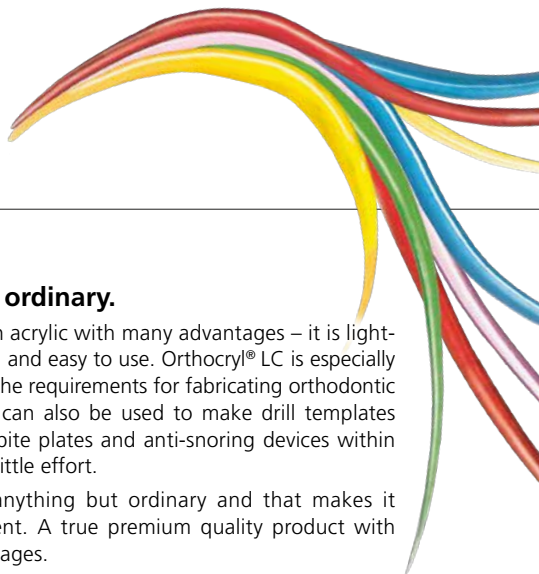
All from one source.



Orthocryl® LC



The light-curing acrylic for orthodontists.



Anything but ordinary.

Orthocryl® LC is an acrylic with many advantages – it is light-curing, time-saving and easy to use. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. But it can also be used to make drill templates for implantology, bite plates and anti-snoring devices within seconds and with little effort.

Orthocryl® LC is anything but ordinary and that makes it delightfully different. A true premium quality product with undeniable advantages.

Advantages:

- Extremely easy to use.
- Saves time and material.
- Optimal flowability.
- Wide range of applications.
- Completely odorless.
- Biocompatible.

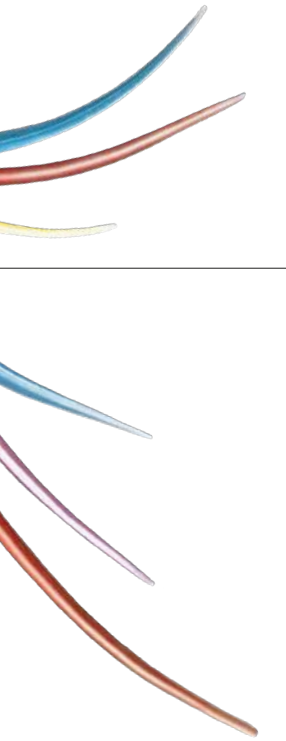
Easy to use and flexible.

Orthocryl® LC is extremely easy to use. The product is delivered ready to use in black, opaque cartridges. Time-consuming preparation steps have become superfluous: the acrylic does not have to be doughed or salt-and-peppered anymore.

The material can be directly applied from the cartridge to the prepared model. The application injector helps to apply the right dosage in the right spot. The easy handling saves both a great amount of time when processing and finishing the appliance and a lot of material.

Due to its optimal flowability, Orthocryl® LC can be easily adapted to the prepared model.

Orthocryl® LC is available in three colors. Adding Disco glitter or decals from the extensive Orthocryl® program makes each appliance unique.



Orthocryl® LC



Orthocryl® LC starter set

Light-curing acrylic.

REF 160-400-00	1 set	
Contents:		
2 x Orthocryl® LC, clear	REF 160-401-00	
2 x Orthocryl® LC, transparent pink	REF 160-402-00	
2 x Orthocryl® LC, blue	REF 160-404-00	
1 x injector for Orthocryl® LC	REF 160-420-00	
50 x cartridge tip for Orthocryl® LC	REF 160-421-00	



Orthocryl® LC starter set, clear

Light-curing acrylic.

REF 160-400-20	1 set	
Contents:		
6 x Orthocryl® LC, clear	REF 160-401-00	
1 x injector for Orthocryl® LC	REF 160-420-00	
50 x cartridge tip for Orthocryl® LC	REF 160-421-00	

Orthocryl® LC

Light-curing acrylic in opaque cartridge.

Color	REF	Quantity
clear	160-401-00	30 g
transparent pink	160-402-00	30 g
blue	160-404-00	30 g



Bite paste

For Orthocryl® LC.
Color: transparent

REF 160-410-00

50 g



Injector

For Orthocryl® LC.

REF 160-420-00

1 piece



Cartridge tip

For Orthocryl® LC.

REF 160-421-00

50 pieces



Cleaning liquid

For Orthocryl® LC.

REF 160-430-00

100 ml



Stand for cartridges

For Orthocryl® LC. Fits 6 cartridges.

Material: Plastic

Do not use disinfectants containing ethanol,
phenol or alcohol.

Dimensions: approx. 170 mm x 110 mm x 110 mm (W x H x D)

Color: transparent, clear

REF 160-422-00

1 piece



Orthodentic acrylics

Orthocryl® / Assortments



Orthocryl® starter set, clear

REF 161-912-00	1 set
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Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), clear	REF 161-100-00
1 x separating medium	REF 162-800-00
2 x spray bottle	REF 162-100-00
1 x measuring beaker	REF 162-200-00
1 x funnel	REF 162-600-00
1 x spray nozzle for powder (polymer)	REF 162-751-00
1 x spray nozzle for liquid (monomer)	REF 162-752-00



Orthocryl® set, small

Small set 200 g powder (polymer) and 100 ml liquid (monomer)

Color	REF	Quantity
transparent pink	160-501-00	1 set
clear	160-502-00	1 set



Orthocryl® multi-colored palette, assortment

REF 160-600-00	1 assortment
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Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), red	REF 161-127-00
1 x Orthocryl® liquid (monomer), green	REF 161-128-00
1 x Orthocryl® liquid (monomer), blue	REF 161-129-00
1 x Orthocryl® liquid (monomer), yellow	REF 161-130-00
1 x funnel	REF 162-600-00



Orthocryl® Neon assortment

Brightly colored acrylic

Liquid (monomer)

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.

REF 160-700-00	1 assortment
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Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
1 x Orthocryl® liquid (monomer), neon orange	REF 161-136-00
1 x Orthocryl® liquid (monomer), neon pink	REF 161-137-00
1 x Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x Orthocryl® liquid (monomer), neon blue	REF 161-139-00
1 x funnel	REF 162-600-00

Orthocryl®

Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**

Also very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
clear	160-112-00	1 kg	160-212-00	10 kg



Orthocryl® EQ

Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal flowability using the doughing technique.**

Also very suitable for the salt-and-pepper technique.

Color	REF	Quantity	REF	Quantity
clear	160-300-00	1 kg	160-301-00	10 kg



Orthocryl® black & white

Powder (polymer), opaque

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**

Also very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
black	160-011-00	200 g	160-013-00	1 kg
white	160-012-00	200 g	160-014-00	1 kg



Orthocryl® Neon

Brightly colored acrylic

Liquid (monomer)

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.

Color	REF	Quantity
neon yellow	161-135-00	250 ml
neon orange	161-136-00	250 ml
neon pink	161-137-00	250 ml
neon green	161-138-00	250 ml
neon blue	161-139-00	250 ml



Orthodontic acrylics

Orthocryl® / Single packs



Orthocryl®

Liquid (monomer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances.

Color	REF	Quantity	REF	Quantity	REF	Quantity
red	161-127-00	250 ml				
green	161-128-00	250 ml				
blue	161-129-00	250 ml				
yellow	161-130-00	250 ml				
turquoise	161-131-00	250 ml				
pink	161-132-00	250 ml				
emerald green	161-133-00	250 ml				
violet	161-134-00	250 ml				
clear			161-100-00	500 ml	161-150-00	1000 ml
transparent pink			161-300-00	500 ml	161-350-00	1000 ml



Orthocryl®

Color concentrate

For tinting clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00). With one dispensing pipette.

Color	Mixing ratio	REF	Quantity
red	1 : 10	161-620-00	100 ml
blue	1 : 50	161-622-00	100 ml

Mixing ratio:

	Liquid, clear	Color concentrate	Liquid, clear	Color concentrate
1 : 10 (red)	100 ml	10 ml	50 ml	5 ml
1 : 50 (blue)	100 ml	2 ml	50 ml	1 ml

Orthocryl® Disco glitter

For coloring the removable appliances. The glitter is simply added as desired to the Orthocryl® powder (polymer) to give the appliance an attractive luster. No change in the processing of Orthocryl® is necessary. The appliances can be finished and polished without difficulty.

Mixing ratio:

0.5 : 100 (by volume glitter : powder)

Color	REF	Quantity
iris	161-605-00	50 g
red	161-606-00	50 g
blue	161-607-00	50 g
silver	161-608-00	50 g
gold	161-609-00	50 g
mother-of-pearl	161-611-00	50 g



Decals



Decals, assortment

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Contents:

Assortment consists of 20 individual designs
20 pieces each = 400 pieces, plus tweezers.

REF 160-100-00	1 assortment
Contents:	
20 x Crocodile	REF 160-100-01
20 x Frog	REF 160-100-02
20 x Parrot	REF 160-100-04
20 x Ladybug	REF 160-100-05
20 x Dragon	REF 160-100-06
20 x Fish	REF 160-100-07
20 x Formula 1 (Indy racecar)	REF 160-100-09
20 x Elephant	REF 160-100-10
20 x Heart	REF 160-100-11
20 x Duck	REF 160-100-12
20 x Dinosaur	REF 160-100-13
20 x Motorcycle	REF 160-100-14
20 x Snail	REF 160-100-15
20 x Teddy bear	REF 160-100-16
20 x Mushrooms	REF 160-100-18
20 x Car	REF 160-100-19
20 x Raven	REF 160-100-27
20 x Devil	REF 160-100-29
20 x Soccer player	REF 160-100-31
20 x Mouse	REF 160-100-45



Decal Football

Sheet with two different sizes of design

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Football	160-100-39	1 sheet = 20 pieces



Decal Beaver

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Beaver	160-100-40	1 sheet = 20 pieces



Decals Black Edition

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Black Edition	160-100-41	1 sheet = 12 motifs

Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Hello Beaver	160-100-42	2 sheets = 20 pieces
Horse	160-100-43	2 sheets = 20 pieces
Pink Pony	160-100-44	2 sheets = 20 pieces
Unicorn	160-100-46	2 sheets = 20 pieces

**Decal**

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Crocodile	160-100-01	20 pieces
Frog	160-100-02	20 pieces
Parrot	160-100-04	20 pieces



Decals

Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Motif	REF	Quantity
Ladybug	160-100-05	20 pieces
Dragon	160-100-06	20 pieces
Fish	160-100-07	20 pieces
Formula 1 (Indy Racecar)	160-100-09	20 pieces
Elephant	160-100-10	20 pieces
Heart	160-100-11	20 pieces
Duck	160-100-12	20 pieces
Dinosaur	160-100-13	20 pieces
Motorcycle	160-100-14	20 pieces
Snail	160-100-15	20 pieces

Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Teddybear	160-100-16	20 pieces
Mushrooms	160-100-18	20 pieces
Car	160-100-19	20 pieces
Raven	160-100-27	20 pieces
Spider	160-100-28	20 pieces
Devil	160-100-29	20 pieces
Graffiti	160-100-30	20 pieces
Soccer Player	160-100-31	20 pieces
Mouse	160-100-45	20 pieces
Dolphin	160-100-34	20 pieces



Accessories



Spray bottle

For powder (polymer) and liquid (monomer).

Capacity	REF	Quantity
100 ml	162-100-00	1 piece



Spray nozzle for Orthocryl® liquid (monomer)

Inner ø	Length	REF	Quantity
0.40 mm	10 mm	162-752-00	12 pieces



Spray nozzle for Orthocryl® powder (polymer)

REF 162-751-00	1 piece
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Mixing bowl

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

Do not use with silicone materials!

Material: silicone

Capacity	REF	Quantity
5 ml	162-501-00	3 pieces
25 ml	162-502-00	1 piece
75 ml	162-503-00	1 piece



Funnel

REF 162-600-00	1 piece
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Measuring beaker

REF 162-200-00	1 piece
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Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00	10 pieces
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Separating medium

Special alginate-based separating medium that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color: pink

REF 162-800-00

1000 ml



3D separating medium

Forms a separating layer between the acrylic models and Orthocryl® / Orthocryl® LC.

Color: green

REF 162-801-00

100 ml



Modeling wax, pink

For acrylic work, construction bites etc.

- pliable
- very easy to model
- firm up to approx. 37 °C / 98.6 °F
- easy fixation of teeth



Melting point	Dimensions (L x W)	Thickness	REF	Quantity
60 °C / 140 °F	175 mm x 80 mm	1.50 mm	119-150-00	500 g

Thermo wax

- heat-resistant wax for blocking-out
- for covering springs used in the Orthocryl® technique
- prevents acrylic from becoming milky in appearance

Melting point	Color	REF	Quantity
87 °C / 188.6 °F	pink	120-170-00	50 g



Sticky wax

- good adhesive effect on all materials
- ideal for the fixation of retentive or support elements, repair and soldering work

Melting point	Color	REF	Quantity
71 °C / 159.8 °F	red	122-300-00	60 g



Accessories

Bur for acrylics

with mill toothing cut, straight

- cutting properties

Application: acrylics

Maximum speed: 15000 min⁻¹



ISO number coding	Size	Form	REF	Quantity
310.104.266.171.040	small	bud, rounded, long	180-201-00	1 piece
310.104.266.171.050	medium	bud, rounded, long	180-202-00	1 piece
310.104.260.171.070	medium	bud, rounded	180-304-00	1 piece
310.104.260.171.080	large	bud, rounded	180-305-00	1 piece



Super hard metal bur

with cross toothing cut, coarse

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 15000 min⁻¹ - 20000 min⁻¹

Maximum speed: 30000 min⁻¹

ISO number coding	Form	REF	Quantity
500.104.263.190.070	bud, rounded, slender	180-308-00	1 piece

**Super hard metal bur and cutter
with cross toothing cut, coarse**

- high precision milled
- best cutting properties

Application: acrylics, cast partial denture

Recommended speed: 20000 min⁻¹ - 25000 min⁻¹

Maximum speed: 50000 min⁻¹

ISO number coding	Form	REF	Quantity
500.104.116.190.023	cylindrical, only side cutting	123-580-00	1 piece
500.104.137.190.023	cylindrical, domed end	123-581-00	1 piece
500.104.292.190.023	torpedo, cylindrical	123-582-00	1 piece
500.104.001.190.023	spherical (round), ø 2.1 mm	123-583-00	1 piece
500.104.274.190.060	bullet	123-584-00	1 piece
500.104.194.190.023	conical, domed end	123-585-00	1 piece



**Super hard metal bur
with cross toothing cut, coarse**

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 20000 min⁻¹ - 25000 min⁻¹

Maximum speed: 30000 min⁻¹

ISO number coding	Form	REF	Quantity
500.104.237.220.060	pear	123-594-00	1 piece
500.104.194.220.060	conical, domed end	123-596-00	1 piece



Accessories

Super hard metal bur

with mill toothing cut, wound right

- tungsten carbide
- precision cut
- best cutting properties

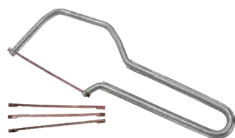
Application: CoCr alloys, acrylics

Recommended speed: 20000 min⁻¹ - 25000 min⁻¹

Maximum speed: 30000 min⁻¹



ISO number coding	Form	REF	Quantity
500.104.274.175.060	bullet	123-597-00	1 piece
500.104.194.175.045	conical, domed end	123-598-00	1 piece



Saw

For orthodontics / prosthetics.

Small saw with replaceable blades.

Contents:

Saw incl. 3 saw blades

REF 180-702-00

1 piece



Saw blade

For saw.

Length	REF	Quantity
70 mm	180-703-00	5 pieces



Polishing brush

For polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Maximum speed: 2800 min⁻¹

ø	REF	Quantity	REF	Quantity
50 mm	141-700-00	1 piece	141-700-10	10 pieces



Polishing brush

Combination Chungking bristles / cotton, for polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics

Maximum speed: 1500 min⁻¹

ø	REF	Quantity
80 mm	141-710-00	1 piece

NEW

Polishing brush

Short Chungking bristles, for polishing machines.

Application: orthodontics, crowns and bridges, cast partial denture

Maximum speed: 6000 min⁻¹

Number of brush ranges	ø	REF	Quantity
2	60 mm	141-711-00	10 pieces
3	60 mm	141-712-00	10 pieces

**Palatal cup brush**

Chungking cup bristles, for polishing machines.

Application: orthodontics, plastic prosthetics

Maximum speed: 3000 min⁻¹

ø	REF	Quantity	REF	Quantity
30 mm	141-713-10	1 piece	141-713-00	10 pieces

**Cloth polishing brush, mounted**

For handpiece.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Recommended speed: 1500 min⁻¹ - 4000 min⁻¹

Maximum speed: 5000 min⁻¹

ø	REF	Quantity
20 mm	181-100-01	6 pieces

**Cloth polishing brush**

For polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Maximum speed: 5000 min⁻¹

ø	REF	Quantity
100 mm	181-200-00	1 piece

**Chamois leather polishing brush**

For high shine polish, for polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Maximum speed: 1500 min⁻¹

ø	REF	Quantity
90 mm	181-201-00	1 piece



Accessories



Edelweiss polishing stick

Ideally suitable for high-gloss finish on acrylic.

REF 190-100-00

80 g



Edelweiss acrylic polishing liquid

Ideally suitable for high-gloss finish on acrylic.

REF 190-200-00

1000 g

Silicon polisher

- non-damaging to metal parts, clasps

Application: orthodontics appliances, pre-polishing of prosthetic acrylics

Recommended speed: 5000 min⁻¹ - 7000 min⁻¹

Maximum speed: 15000 min⁻¹



ISO number coding	Form	REF	Quantity
658.104.275.523.100	torpedo	138-623-00	10 pieces



Mandrel

Version	Maximum speed	REF	Quantity
for emery cloth	16000 min ⁻¹	139-500-00	10 pieces



Emery cloth

Grain size	Width	REF	Quantity
120 = fine	15 mm	140-015-00	25 m

FKO-split-post fixator

acc. to Gordon

This split-post fixator is designed for precise model positioning and holding. Special conical arms allow for the removal and replacement of models.

REF 072-004-00

1 piece



Polyclav®

Pressure vessel for polymerization of cold-curing polymers, induction-compatible.

With safety valve.

Without pressure hose.

Capacity: 4.5 l

REF 070-010-00

1 piece



Pressure hose

For Polyclav® (REF 070-010-00).

Connection plug nipple to fit inlet valve and standard coupling for compressed air sockets.

Length: 1.5 m

Pmax: 8.0 bar

REF 070-015-00

1 piece



Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	070-900-00	1 piece

Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50 Hz / 60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 mm x 240 mm x 75 mm



Accessories



Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-40, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	072-001-00	1 piece
115 V~	072-002-00	1 piece

Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 mm x 260 mm x 260 mm



activeblue cleaning unit

With activefluid cleaning fluid.

For the gentle removal of plaque from orthodontic removable appliances.

Included:

- 1 x cleaning fluid, 1000 ml (REF 150-020-00)
- 1 x cleaning cup, white
- 1 x cleaning pins, 75 g (REF 098-001-00)
- 1 x tweezers
- 1 x holding magnet
- 1 x power cable (230 V)

Technical data

Power voltage	100 V~ - 240 V~ at 50 Hz / 60 Hz
Turning rotations	1200 min ⁻¹ / 1600 min ⁻¹ / 2000 min ⁻¹
Electric fuse	T 1.6 A L 250 V
Noise level	< 70 dB (A)
Weight	3 kg
Dimensions (W x H x D)	150 mm x 240 mm x 280 mm

REF 098-000-00	1 piece
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Cleaning pins for activeblue

For activeblue cleaning unit.

REF 098-001-00	1 container 75 g each
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activefluid cleaning fluid

For activeblue cleaning unit.

REF 150-020-00	1000 ml
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Dermatril®, disposable rubber gloves

For protection during work with polymethyl methacrylates such as Orthocryl®.
Made from special nitrile, free from powder and natural latex.

Layer thickness	Size	REF	Quantity
0.10 mm	S	162-907-00	100 pieces
0.10 mm	M	162-908-00	100 pieces
0.10 mm	L	162-909-00	100 pieces

