

H.P. BRAEM AG

Switzerland

Precision is our passion



PRODUCT CATALOG

Precision is our passion



"The cooperation with the company H.P. Braem AG is very smooth for us. The products are of first-class quality and if there are any challenges in the field of action the team always helps and advises."

Katja Bausewein, Marketing - Product Manager, W2O

Welcome

Dear Customer

We have been developing and producing ophthalmic surgical instruments and accessories for more than 35 years. Today, we have established ourselves on the market with high-quality and precise work and are one of the leading manufacturers in this field.

We are focused on satisfying our customers and patients and it is the motivation of the entire team to produce the highest technology and quality standard at all times. We build instruments that are easy and safe in handling.

Benefit from our enormous experience.

Guido Casutt
CEO



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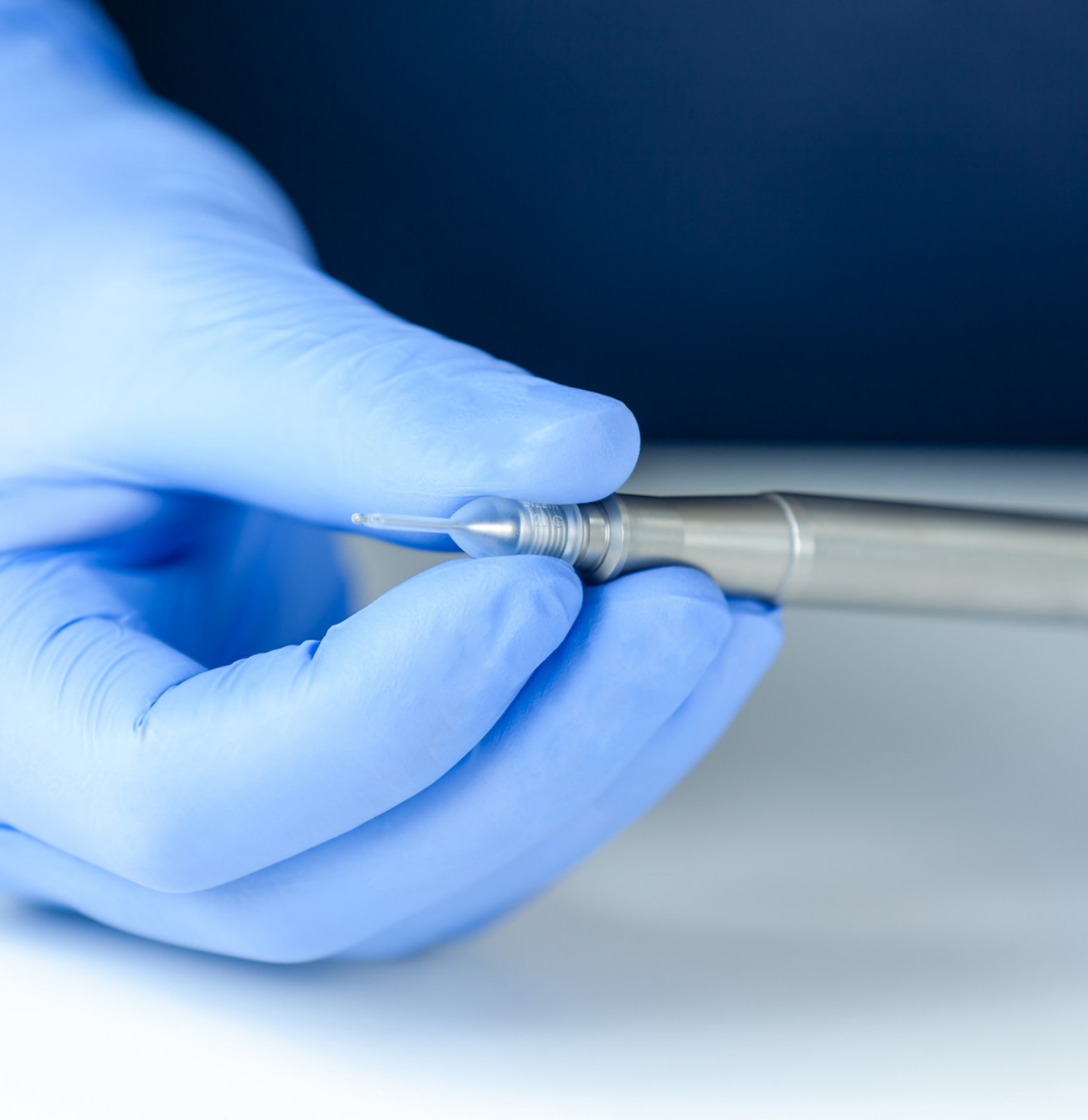
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Cataract

Phaco



Phaco handpiece - reusable

Provides strong phaco power with smooth starting characteristics

The 28kHz handpiece offers, thanks to 6 high-performance piezo crystals, a very strong phaco performance, an optimized starting behavior and a very high durability.

With only 37grams and 13mm diameter, the handpiece fits perfectly in your hand and thus supports precise handling during surgery.

The flexible cable with a length of 2.2m and special non-stick coating facilitates handling during surgery and reprocessing.

The handpiece REF 12300 is approved for Oertli® devices.

The handpiece REF 12350 is approved for Geuder® devices.



Our
Light
weight

REF 12300 / REF 12350

28kHz Phaco handpiece

- 6 high performance piezo crystals for strong phaco power
- titanium
- 37grams light
- 13mm diameter
- maximum stroke length: 120µm
- 2,2m cable with non-stick coating
- optimized starting behavior
- very high durability



Phaco sets sterile - single use

For an efficient and gentle emulsification of the lens

All in one - with the Braem phaco sets! Tip, sleeve, test chamber and key sterile and ready for single-use. The phaco tips are made of special titanium alloy and the sleeves of a particularly high-quality silicone. The deburred, polished and yet sharp-edged tips support the efficient emulsification of the lens and, in combination with the sleeves, ensure a perfect holdability. The stepless transition from sleeve to tip and the excellent balance between flexibility and stiffness of the sleeves support an easy insertion. Both straight and bent phaco sets are suitable for most handpieces.

REF12306

19G Phaco set sterile

- 19G 30° Phaco tip for incision of 2.6 - 2.8mm
- 19G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces

REF12308

20G Phaco set sterile

- 20G 30° Phaco tip for incision of 2.2 - 2.4mm
- 20G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces

REF12311

22G Phaco set sterile

- 22G 30° Phaco tip for incision of 1.6 - 1.8mm
- 22G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces



Phaco sets bent sterile - single use

REF12307

19G Phaco set bent sterile

- 19G 30° Phaco tip bent for incision of 2.6 - 2.8mm
- 19G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces

REF12309

20G Phaco set bent sterile

- 20G 30° Phaco tip bent for incision of 2.2 - 2.4mm
- 20G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces

REF12312

22G Phaco set bent sterile

- 22G 30° Phaco tip bent for incision of 1.6 - 1.8mm
- 22G silicone sleeve
- key with optimized distribution of force
- test chamber
- packaging unit: 5 pcs.
- sterile, separately packaged
- suitable for most Phaco handpieces



Phaco tips - reusable

For an efficient and gentle emulsification of the lens

Our phaco tips which are made of a special titanium alloy with an outstanding efficient multi-stage tip, support easy insertion into the eye, convince with perfect holdability and very efficient lens removal. Our phaco tips are suitable for most phaco handpieces.

Outstanding
efficiency

REF12319

19G Phaco tip

- 19G 30° Phaco tip for incision of 2.6 - 2.8mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



REF12320

20G Phaco tip

- 20G 30° Phaco tip for incision of 2.2 - 2.4mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



REF12322

22G Phaco tip

- 22G 30° Phaco tip for incision of 1.6 - 1.8mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



REF12333

Fragmatome tip

- 23G 30° Phaco tip
- 30mm length
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



Phaco tips bent - reusable

REF12318

19G Phaco tip bent

- 19G 30° Phaco tip for incision of 2.6 - 2.8mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



REF12321

20G Phaco tip bent

- 20G 30° Phaco tip bent for incision of 2.2 - 2.4mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



REF12324

22G Phaco tip bent

- 22G 30° Phaco tip bent for incision of 1.6 - 1.8mm
- key with optimized distribution of force
- titanium, high-end polished
- reusable, non-sterile
- suitable for most Phaco handpieces



Phaco Sleeves - reusable

Perfect balance of rigidity and flexibility

Our I/A sleeves are made of particularly high-quality silicone with a perfect balance between flexibility and rigidity. The outstanding design simplifies insertion into the eye, reduces heat transfer and ensures optimal irrigation flow.

REF 10215

19G Silicone Sleeve for incision of 2.6 - 2.8mm

- suitable for phaco tip REF 12318 and REF 12319
- packaging unit: 2 pcs.
- reusable, non-sterile

REF 10216

20G Silicone Sleeve for incision of 2.2 - 2.4mm

- suitable for phaco tip REF 12320 and REF 12321
- packaging unit: 2 pcs.
- reusable, non-sterile

REF 10217

22G Silicone Sleeve for incision of 1.6 - 1.8mm

- suitable for phaco tip REF 12322 and REF 12324
- packaging unit: 2 pcs.
- reusable, non-sterile



REF 10255

19G Silicone Sleeve for incision of 2.6 - 2.8mm

- suitable for phaco tip REF 12318 and REF 12319
- packaging unit: 100 pcs.
- reusable, non-sterile

REF 10256

20G Silicone Sleeve for incision of 2.2 - 2.4mm

- suitable for phaco tip REF 12320 and REF 12321
- packaging unit: 100 pcs.
- reusable, non-sterile

REF 10257

22G Silicone Sleeve for incision of 1.6 - 1.8mm

- suitable for phaco tip REF 12322 and REF 12324
- packaging unit: 100 pcs.
- reusable, non-sterile



Phaco keys - reusable

Safe preparation

The optimized keys allow a safe tightening and release of the phaco tips on the handpiece without slipping.



REF 10115

Stainless key for straight phaco tips

- suitable for REF 12319, REF 12320, REF 12322, REF 12333
- packaging unit: 1 pc.
- reusable, non-sterile



REF 10116

Stainless key for bent phaco tips

- suitable for REF 12318, REF 12321, REF 12324
- packaging unit: 1 pc.
- reusable, non-sterile



Phaco test chamber - reusable

REF 10102

Test chamber

- packaging unit: 2 pcs.
- reusable, non-sterile



Cataract

Irrigation / Aspiration - Bimanual



Irrigation / Aspiration

Bimanual - reusable

Easy and gentle insertion into the eye

Our reusable 21G Bimanual I/A titanium handpieces have a specially designed aeroplane shaped nose, which allows an easy and gentle insertion into the eye. The standard handpieces have a polished irrigation and a structured aspiration tip. With a weight of only 13grams and a total length of 100mm they fit perfectly in the hand.

The handpieces are suitable for all phaco systems.

Optimized
fluidics

REF 40300

21G Bimanual Set

- 1 handpiece irrigation, polished (blue)
- 1 handpiece aspiration, structured (purple)*
- aeroplane nose
- titanium
- lightweight: 13grams
- reusable, non-sterile
- suitable for all phaco systems



REF 40301

21G Bimanual irrigation

- 1 handpiece irrigation (blue)
- aeroplane nose, polished
- titanium
- lightweight: 13grams
- reusable, non-steril
- suitable for all phaco systems



REF 40302

21G Bimanual aspiration

- 1 handpiece aspiration (purple)
- aeroplane nose, structured*
- titanium
- lightweight: 13grams
- reusable, non-steril
- suitable for all phaco systems



*Upon customer request, the REF 40302 21G Bimanual aspiration handpiece is also available as polished version.

Cataract

Irrigation / Aspiration - Monomanual



Irrigation / Aspiration

Monomanual - reusable

Precise handling during surgery

Our universal I/A handpiece weighing only 19grams. It offers a quick and safe attachment and exchange of tips - even after many uses.

The wide range of 9 different tips offers a variety of options that support the precise handling during surgery.

The handpiece is suitable for all phaco systems.



REF 40400

I/A Monomanual handpiece

- universal handpiece for use with all Braem I/A tips
- lightweight: 19grams
- bayonet lock for quick and safe exchange of tips
- reusable, non-sterile
- suitable for all phaco systems



I/A tip - reusable

Suitable for handpiece REF 40400

REF 40401

19G I/A tip for incision: 2.6 - 2.8mm

- bent 45°, 2mm
- irrigation made of metal



REF 40402

19G I/A tip for incision: 2.6 - 2.8mm

- straight
- irrigation made of metal



REF 40403

19G I/A tip for incision: 2.6 - 2.8mm

- angled 40°
- irrigation made of metal



REF 40404

19G I/A tip for incision: 2.6 - 2.8mm

- straight
- irrigation with silicone sleeve



REF 40405

19G I/A tip for incision: 2.6 - 2.8mm

- angled 40°
- irrigation with silicone sleeve



REF 40411

20G I/A tip for incision: 2.2 - 2.4mm

- straight
- irrigation with silicone sleeve



REF 40412

20G I/A tip for incision: 2.2 - 2.4mm

- angled 40°
- irrigation with silicone sleeve



REF 40416

22G I/A tip for incision: 1.6 - 1.8mm

- straight
- irrigation with silicone sleeve



REF 40417

22G I/A tip for incision: 1.6 - 1.8mm

- angled 40°
- irrigation with silicone sleeve



I/A Sleeves - reusable

Perfect balance of flexibility and rigidity

Our I/A sleeves are made of particularly high-quality silicone with a perfect balance between flexibility and rigidity. The outstanding design simplifies insertion into the eye, reduces heat transfer and ensures optimal irrigation flow. The sleeves fit with all our I/A tips.

REF 10215

19G Silicone Sleeve for incision 2.6 - 2.8mm

- suitable for REF 40404 und REF 40405
- packaging unit: 2 pcs.
- reusable, non-sterile

REF 10216

20G Silicone Sleeve for incision 2.2 - 2.4mm

- suitable for REF 40411 und REF 40412
- packaging unit: 2 pcs.
- reusable, non-sterile

REF 10217

22G Silicone Sleeve for incision 1.6 - 1.8mm

- suitable for REF 40416 und REF 40417
- packaging unit: 2 pcs.
- reusable, non-sterile

perfect
balance of
flexibility &
stiffness



REF 10255

19G Silicone Sleeve for incision 2.6 - 2.8mm

- suitable for REF 40404 und REF 40405
- packaging unit: 100 pcs.
- reusable, non-sterile

REF 10256

20G Silicone Sleeve for incision 2.2 - 2.4mm

- suitable for REF 40411 und REF 40412
- packaging unit: 100 pcs.

REF 10257

22G Silicone Sleeve for incision 1.6 - 1.8mm

- suitable for REF 40416 und REF 40417
- packaging unit: 100 pcs.
- reusable, non-sterile



Vitreotomy

Trocars



Vitrectomy

Trocars

Precision in every detail

Our sterile single-use vitrectomy trocars are available in many different sizes and designs. They have proven their outstanding quality and performance in over 225'000 use cases. The 1-step trocars come in the sizes 23G, 25G, 27G and the 2-step in size 23G.

Our trocar systems are designed for minimal trauma of the eye and an exceptional IOP stability intra- and postoperatively.

The 1-step trocars combines an ultra sharp inserter in lance or knife cut for an effortless insertion and either a security bulb or a structured trocar surface to prevent unintentional removal while surgery.

They are having a built-in incision marker supporting the accurate trocar placement in the eye.

The 23G trocar irrigation line is also designed for irrigation of silicone oil.

All trocars guarantee excellent tightness during and after surgery.



proven
quality in over
225'000
use cases



Vitreotomy Trocars 1-Step - lance cut - sterile - single use

REF 15550

23G vitrectomy cannula system

- 3 inserters with lance cut
- 3 trocars with security bulb
- 3 removable self sealing silicone valves (blue)
- 3 stoppers as an alternative sealing method
- 1 irrigation cannula (for silicone-oil-infusion up to 5'000cSt)
- ergonomic handle with distance marker 3 & 4mm
- packaging unit: 1 set, sterile



REF 15650

25G vitrectomy cannula system

- 3 inserters with lance cut
- 3 trocars with security bulb
- 3 removable self sealing silicone valves (blue)
- 1 irrigation cannula
- ergonomic handle with distance marker 3 & 4mm
- packaging unit: 1 set, sterile



REF 15750

27G vitrectomy cannula system

- 3 inserters with lance cut
- 3 trocars with security bulb
- 3 removable self sealing silicone valve (blue)
- 1 irrigation cannula
- ergonomic handle with distance marker 3 & 4mm
- packaging unit: 1 set, sterile



REF 15555

23G vitrectomy cannula system for Vitreous hernia

- 1 inserter with lance cut
- 1 trocar with security bulb
- 1 removable self sealing silicone valve (blue)
- ergonomic handle with distance marker 3 & 4mm
- packaging unit: 1 pc., sterile



Vitreotomy Trocars - 1-Step - knife cut - sterile - single use

REF 15560

23G vitrectomy cannula system

- 3 inserters with knife cut
- 3 trocars with structured surface
- 3 removable self sealing silicone valves (yellow)
- 3 stoppers as an alternative sealing method
- 1 irrigation cannula (for silicone-oil-infusion up to 5'000cSt)
- ergonomic handle with distance marker 3 & 4mm
- packaging unit: 1 set, sterile

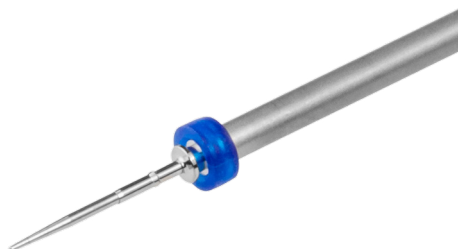


Vitreotomy Trocars 2-Step - sterile - single use

REF 15501

23G vitrectomy cannula system

- 3 inserters made of titanium with atraumatic tip
- 3 trocars with security bulb
- 3 removable self sealing silicone valve (blue)
- 3 stoppers as an alternative sealing method
- 1 irrigation cannula (for silicone-oil-infusion up to 5'000cSt)
- packaging unit: 1 set, sterile



Silicone-oil-aspiration-adapter - sterile - disposable

REF 17100

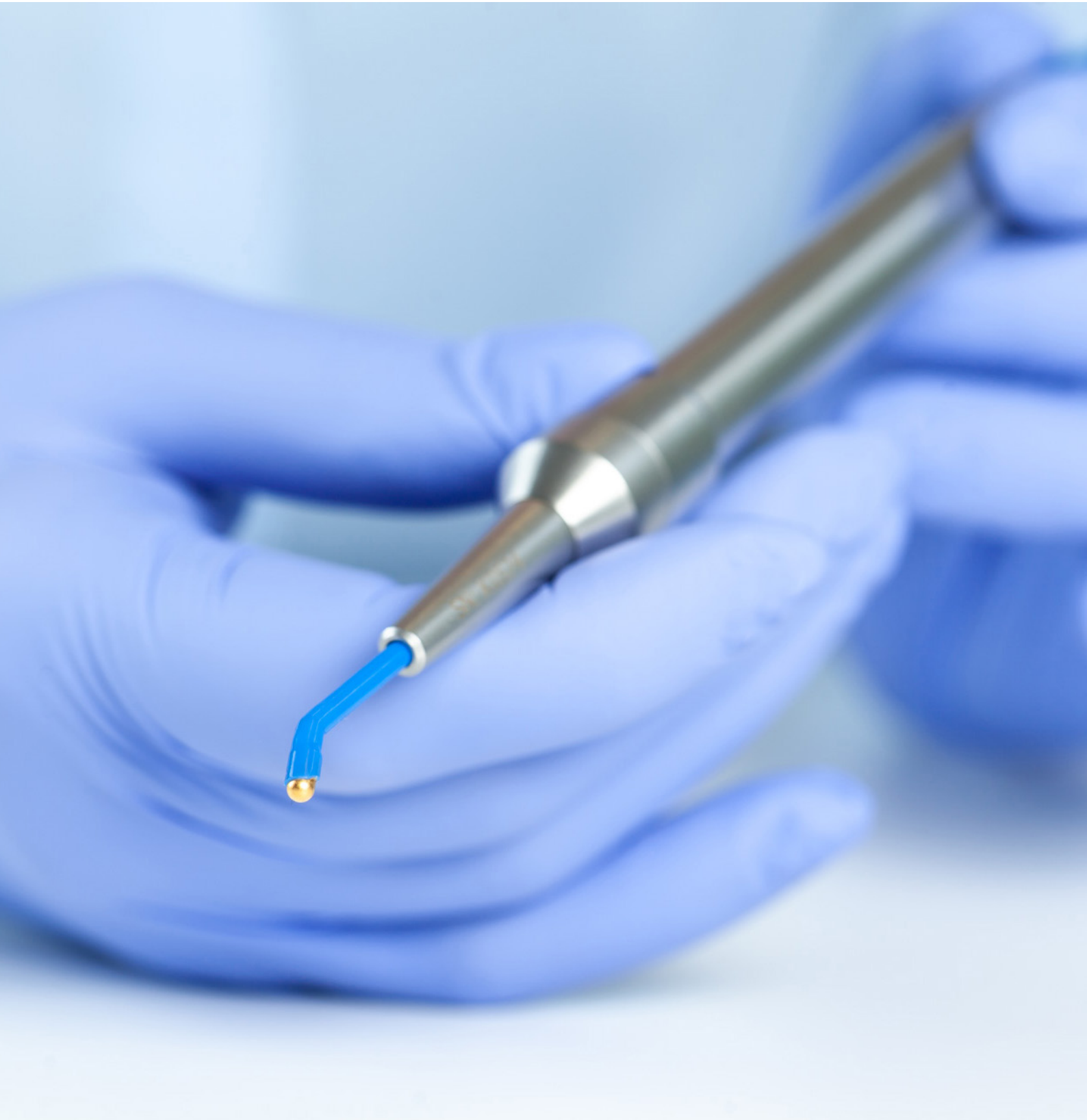
Silicone-oil-aspiration-adapter

- suitable for all H.P. Braem vitrectomy trocars of sizes 23G, 25G und 27G
- packaging unit: 5 pcs.
- sterile, single pcs. packaging



Cryo surgery

Cryo probes



Cryo probes - reusable

Our reusable cryoprobes cover the complete range of ophthalmic cryosurgery. The ergonomic handle and the flexible tube offer an excellent handling.

The probes are suitable for washer / disinfectors and autoclave.

The cryoprobes can be operated either with CO₂ or with N₂O and are characterized by a very fast and extremely reliable freezing performance.

The cryoprobes are approved for the units of Erbe® (ERBOKRYO AE and ERBOKOMBI E) and BVI (Cryo-Line).



- suitable for washer/disinfectors up to 95°C and autoclave up to 134°C
- highly reliable freezing performance
- integrated temperature sensor
- ergonomic handle
- flexible tubes
- operation with CO₂ or N₂O possible
- long service interval: 2 years / 100 cycles



REF 22060

- Ø 2mm probe straight
- application: Cataract

**REF 22064**

- Ø 2mm probe bent
- application: Cataract

**REF 22068**

- Ø 1.6mm 60° probe angled
- application: Retina for babys

**REF 22072**

- Ø 2.5mm 60° probe spherical angled
- application: Retina

**REF 22074**

- Ø 2.5mm 60° probe bulbus angled
- application: Retina

**REF 22076**

- Ø 2.5mm 60° probe spherical long angled
- application: Retina

**REF 22080**

- Ø 3mm 90° probe spherical long angled
- application: Retina

**REF 22084**

- Ø 3mm 70° probe
- application: Glaucoma

**REF 22088**

- 4mm 60° probe spatula bent
- application: Retina

**REF 22090**

- 4mm probe spatula straight
- application: Retina

**REF 22092**

- 4 x 10mm probe Trichias
- application: Trichias

**REF 22096**

- Ø 0.9mm probe endo cryo straight
- application: Retina



H.P. Braem AG

Because quality makes the difference.

"I really enjoy working with H.P. Braem's tips, especially for hard lenses."

Prof. Dr. med. Stephan Michels, Augenklinik Zürich West, Switzerland





eIFU:

Instruction for use for all our products and in all available languages are available as eIFUs for download at: <https://www.hpbraem.ch/en/eifu/>



This catalog is intended to give an insight into our product range. It was produced with greatest care. Nevertheless, we cannot accept any liability for the accuracy of all information.

Please be aware that the products and the design can change due to technical improvements and innovations.

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H.P. Braem AG

Industriestrasse 4
9552 Bronschhofen
Switzerland

Phone: +41 71 866 19 33

info@hpbraem.ch

www.hpbraem.ch

Regulatory

The quality management system of H.P. Braem AG meets the requirements of EN ISO13485:2016/A11:2021

Class I products (test chamber, stainless key) comply with Regulation (EU) 2017/745 CE

Class IIa & Class IIb products comply with Regulation (EU) 2023/607 amending Regulation (EU) 2017/745 CE0279





CONTACT

H.P. BRAEM AG
Industriestrasse 4
9552 Bronschhofen
Switzerland

Phone: +41 71 866 19 33

info@hpbraem.ch
www.hpbraem.ch