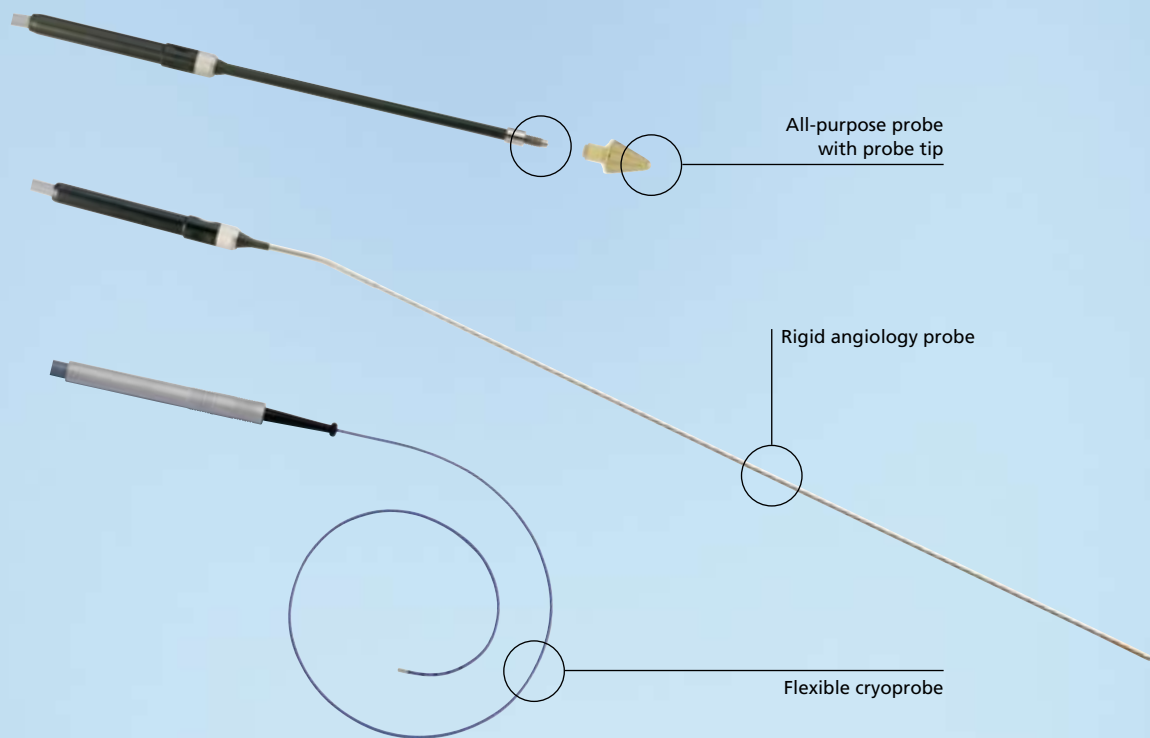


INSTRUMENTS AND ACCESSORIES FOR CRYO SURGERY



Important notes

The authors and ERBE Elektromedizin GmbH have taken the greatest possible care while compiling the catalogue with electrosurgical accessories. Nevertheless, it is impossible to exclude the possibility that errors may be contained herein.

The information and recommendations given here may not be construed as constituting any basis for any claims against ERBE Elektromedizin GmbH. Should legal regulations stipulate liability, such liability shall be limited to intentional misconduct or gross negligence.

The data on the use of instruments is based on clinical experience. Medical science is subject to a process of permanent change based on research and clinical experience. Therefore the products are subject to alterations in design and technique. Because of production tolerances dimensions in the catalogue may marginally differ.

We confirm that none of our products contain latex, except the rubber straps,
Art. No. 20592-009 and 20592-011.

Please read carefully the corresponding notes on use before using any instrument.

Further product information

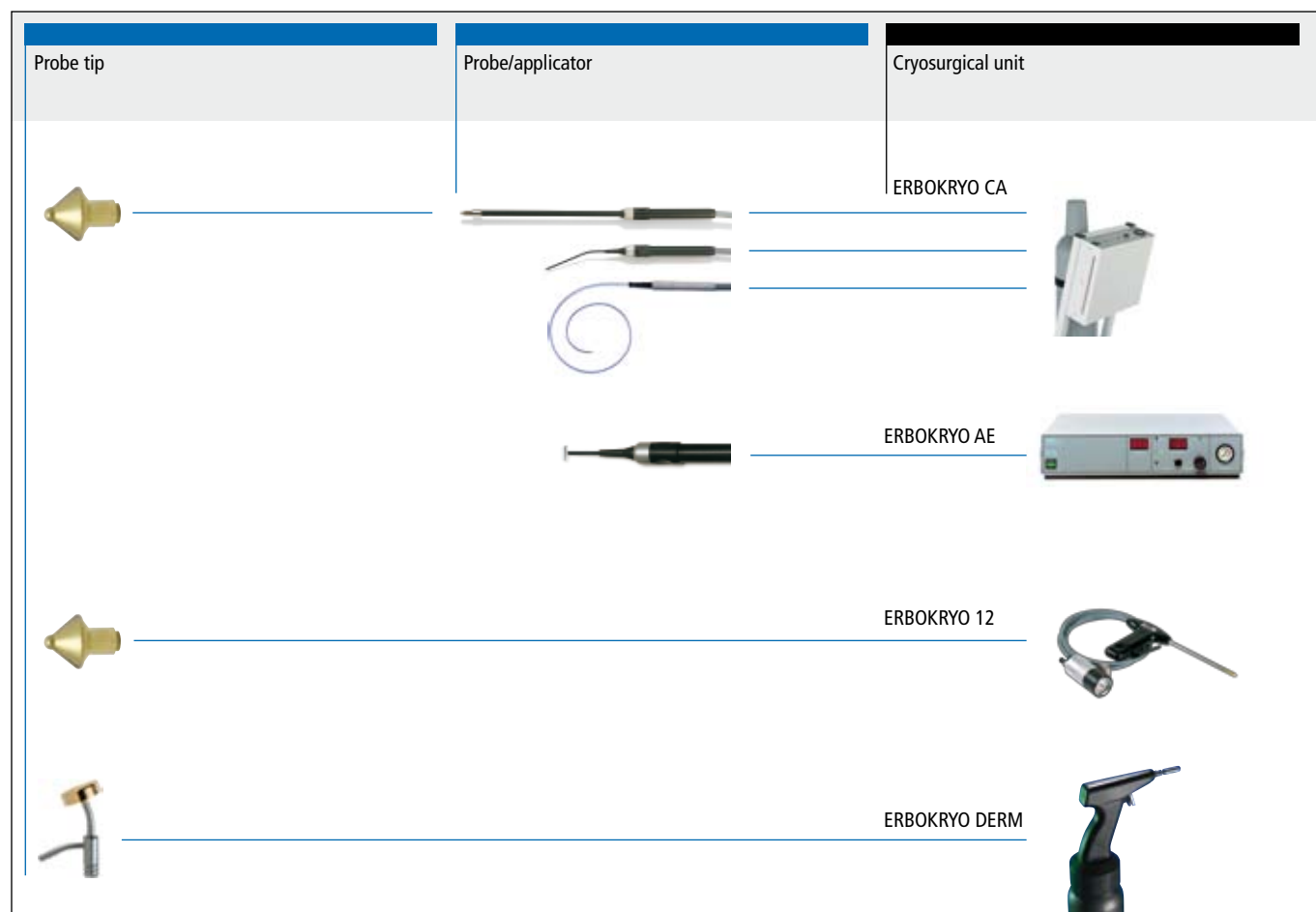
Packaging unit	 = 5	 4 kVp	Max. electrical capacity
Notes on use	 30191-682	 max 95 °C	Temperature for cleaning in washer disinfectant
		 max 134 °C	Temperature for sterilization in autoclave
			Single-use product
		STERILE R	Sterile packaging
		STERILE R STERILE EO	
		Wiping or spray disinfection	Manual cleaning and disinfection

Cryo surgery

Instruments and accessories

Cryoprobes for ERBOKRYO CA	04
Probe tips for ERBOKRYO CA	08
Cryoprobes for ERBOKRYO AE	11
Probe tips for ERBOKRYO 12	15
Applicators for ERBOKRYO DERM	18

Overview



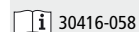
Cryoprobes for ERBOKRYO CA

Cryoprobe R4L5



e.g. for ENT

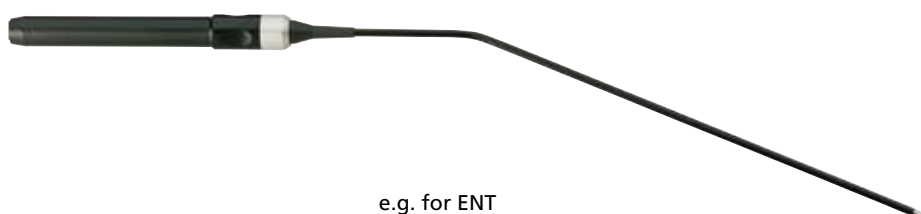
No. 20416-000



Wiping or spray
disinfection

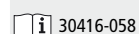
max 134 °C

Cryoprobe R3L5



e.g. for ENT

No. 20416-001



Wiping or spray
disinfection

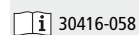
max 134 °C

Cryoprobe R2L2



e.g. for ENT

No. 20416-002



Wiping or spray
disinfection

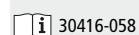
max 134 °C

Cryoprobe F11



e.g. for ENT

No. 20416-003



Wiping or spray
disinfection

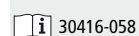
max 134 °C

Cryoprobe R5L10



e.g. for ENT

No. 20416-004



Wiping or spray
disinfection

max 134 °C

Cryoprobes for ERBOKRYO CA

Cryoanalgesia probe, trocar, angled, Ø 0.3 mm



e.g. for spine surgery

No. 20446-003



= 1



30416-058

Wiping or spray
disinfection

max 134 °C

Angiology probe, Ø 1.5 mm, length 80 mm



for cryostripping

No. 20447-000



= 1



30416-058

Wiping or spray
disinfection

max 134 °C

Angiology probe, Ø 2.5 mm, length 200 mm



for cryostripping

No. 20447-002



= 1



30416-058

Wiping or spray
disinfection

max 134 °C

Angiology probe, Ø 3.5 mm, length 550 mm



for cryostripping

No. 20447-004



= 1



30416-058

Wiping or spray
disinfection

max 134 °C

Bronchoscopy probe, Ø 3 mm, length 530 mm



for rigid bronchoscopy

No. 20447-005



= 1



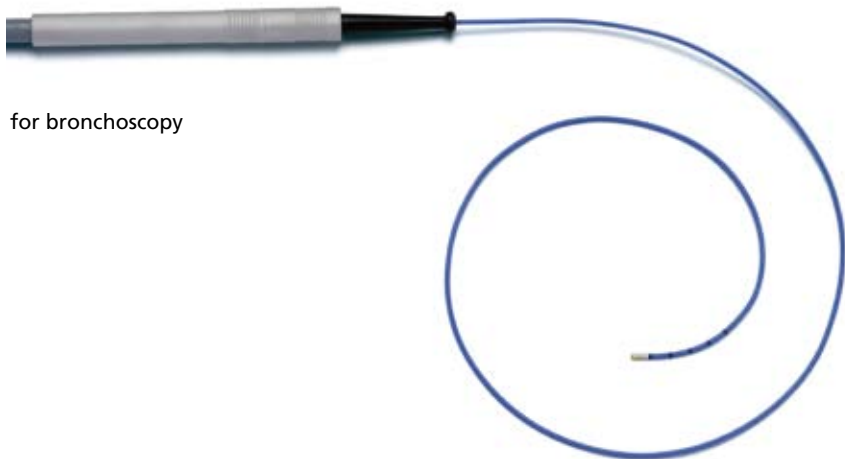
30416-058

Wiping or spray
disinfection

max 134 °C

Cryoprobes for ERBOKRYO CA

Flexible cryo probe, Ø 2.4 mm, length 900 mm



for bronchoscopy

No. 20416-032



= 1

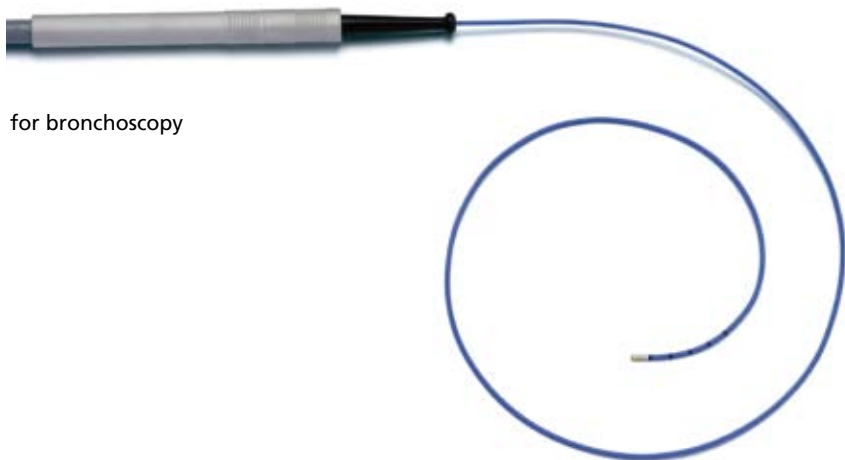


30416-158

max 95 °C

max 134 °C

Flexible cryo probe, Ø 2.4 mm, length 780 mm



for bronchoscopy

No. 20416-033



= 1



30416-158

max 95 °C

max 134 °C

Cryoprobes for ERBOKRYO CA

Flexible cryo probe, Ø 1.9 mm, length 900 mm

No. 20416-037



= 1



30416-158

max 95 °C

max 134 °C



for bronchoscopy



Flexible cryo probe, Ø 1.9 mm, length 780 mm

No. 20416-038



= 1



30416-158

max 95 °C

max 134 °C



for bronchoscopy



Connecting adapter for flexible cryoprobes

für ERBOKRYO CA

No. 20416-034



= 1



30416-157

Wiping or spray
disinfection



Probe tips for ERBOKRYO CA

All purpose probe, length 180 mm



incl. tip 20420-012

No. 20416-006

= 1

30420-041

Wiping or spray
disinfection

max 134 °C

All purpose probe, length 60 mm



incl. tip 20420-012

No. 20416-005

= 1

30420-041

Wiping or spray
disinfection

max 134 °C

Cryoprobe tip, Ø 3 x 2.6 mm

e.g. for dermatology

No. 20420-010

= 1

30420-041

max 95 °C

max 134 °C

Cryoprobe tip, conical, Ø 9.5 mm

e.g. for dermatology

No. 20420-012

= 1

30420-041

max 95 °C

max 134 °C

Cryoprobe tip, oval, Ø 9.5 mm

e.g. for dermatology

No. 20420-013

= 1

30420-041

max 95 °C

max 134 °C

Probe tips for ERBOKRYO CA

Cryoprobe tip, Ø 19 mm



e.g. for portio ectopy

No. 20420-014



30420-041

max 95 °C

max 134 °C

Cryoprobe tip, Ø 19 mm



e.g. for portio ectopy

No. 20420-015



30420-041

max 95 °C

max 134 °C

Cryoprobe tip, flat, Ø 19 mm



e.g. for dermatology

No. 20420-016



30420-041

max 95 °C

max 134 °C

Cryoprobe tip, Ø 19 mm



e.g. for portio ectopy

No. 20420-020



30420-041

max 95 °C

max 134 °C

Cryoprobe tip, Ø 21 mm



e.g. for portio ectopy

No. 20420-021



30420-041

max 95 °C

max 134 °C

Probe tips for ERBOKRYO CA

Cryoprobe tip, Ø 23 mm



e.g. for portio ectopy

No. 20420-022

= 1

30420-041

max 95 °C

max 134 °C

Cryoprobe tip, Ø 25 mm



e.g. for portio ectopy

No. 20420-023

= 1

30420-041

max 95 °C

max 134 °C

Cryoprobe tip, Ø 18 mm



e.g. for portio ectopy

No. 20420-024

= 1

30420-041

max 95 °C

max 134 °C

Accessories for ERBOKRYO CA	No.
Foot switch, explosion-proof	20711-008
Foot switch, non explosion-proof	20711-009
Cylinder cover for N ₂ O cylinders (german standard)	20410-039
Sterilizing box for cryoprobes, small	10410-034
Sterilizing box for cryoprobes, large	20410-035
Gas hose N ₂ O, length 0.7 m	20448-000
Gas filter N ₂ O (R 3/8")	20410-006
Gas hose CO ₂ , length 1 m	20448-004
Gas filter for CO ₂ (W 21,8 x 1/14")	20410-010
Filter cartridges (set)	20410-008
Gas cylinder connector for N ₂ O (german standard)	20410-001
Gas cylinder connector (UK, Greece) (11/16" x 20)	20410-002
Gas cylinder connector for CO ₂ (german standard)	20410-003
Gas cylinder connector (GB, F, USA) pin index 3+5 for N ₂ O	20410-005
Gas cylinder connector (GUS) M 22 x 1,5	20410-013
Gas cylinder connector (Russia) for CO ₂ (M 26 x 1,5)	20410-016
Gas cylinder connector (GB, F, USA) for CO ₂	20410-011
Gas cylinder connector (CGA) 326 (G1/2")	20410-014
Gas cylinder connector (F) (M 26 x 1,5)	20410-037

Probe tips for ERBOKRYO CA

Cataract-pencil, straight, Ø 1.9 mm



with thermocouple

No. 20711-080



Wiping or spray
disinfection

max 134 °C

Catarac- pencil, curved, Ø 1.9 mm



with thermocouple

No. 20711-081



Wiping or spray
disinfection

max 134 °C

Retina-pencil, ball, Ø 2.5 mm



with thermocouple

No. 20711-082



Wiping or spray
disinfection

max 134 °C

Retina-pencil, spatula, 7 mm



with thermocouple

No. 20711-083



Wiping or spray
disinfection

max 134 °C

Retina-pencil, T-shaped, 10 mm



with thermocouple

No. 20711-084



Wiping or spray
disinfection

max 134 °C

Retina-pencil, long, ball, Ø 2.5 mm



with thermocouple

No. 20711-085



Wiping or spray
disinfection

max 134 °C

Cryoprobes for ERBOKRYO AE

Glaucoma-pencil, Ø 3 mm



with thermocouple

No. 20711-087



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, for infants, Ø 1.6 mm



with thermocouple

No. 20711-088



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, ball, Ø 3 mm, 90°



with thermocouple

No. 20711-089



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Trichiasis-pencil, 4 x 10 mm



with thermocouple

No. 20711-090



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, ball, Ø 2.5 mm, 60°



with thermocouple

No. 20711-091



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, ball, Ø 2.7 mm, 60°



with thermocouple

No. 20711-092



= 1



30711-150

Wiping or spray
disinfection

max 134 °C

Cryoprobes for ERBOKRYO AE

Cataract-pencil, straight, Ø 1.5 mm



without thermocouple

No. 20716-080



30711-150

Wiping or spray
disinfection

max 134 °C

Cataract-pencil, curved, Ø 1.5 mm



without thermocouple

No. 20716-081



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, ball, Ø 2.5 mm



without thermocouple

No. 20716-082



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, spatula, 7 mm



without thermocouple

No. 20716-083



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, T-shaped, 10 mm



without thermocouple

No. 20716-084



30711-150

Wiping or spray
disinfection

max 134 °C

Retina-pencil, long, ball, Ø 2.5 mm



without thermocouple

No. 20716-085



30711-150

Wiping or spray
disinfection

max 134 °C

Cryoprobes for ERBOKRYO AE

Intravitreal-pencil, Ø 1.3 mm



without thermocouple

No. 20716-086



30711-150

Wiping or spray
disinfection

max 134 °C

Glaucoma-pencil, Ø 3 mm



without thermocouple

No. 20716-087



30711-150

Wiping or spray
disinfection

max 134 °C

Endocryo-pencil, Ø 1 mm



without thermocouple

No. 20716-088



30711-150

Wiping or spray
disinfection

max 134 °C

Accessories for ERBOKRYO AE	No.
Trolley, 57 x 99 x 62 mm (W x H x D)	20731-007
Drawer for trolley	20731-010
Foot switch, explosion-proof	20711-008
Foot switch, non explosion-proof	20711-009
Cylinder cover for N ₂ O cylinders (german standard)	20410-039
Sterilizing box for cryoprobes, small	20410-034
Sterilizing box for cryoprobes, large	20410-035
Gas hose N ₂ O, length 0.7 m	20448-000
Gas filter N ₂ O (R 3/8")	20410-006
Gas hose CO ₂ , length 1 m	20448-004
Gas filter for CO ₂ (W 21,8 x 1/14")	20410-010
Filter cartridges (set)	20410-008
Gas cylinder connector for N ₂ O (german standard)	20410-001
Gas cylinder connector (UK, Greece) (11/16" x 20)	20410-002
Gas cylinder connector for CO ₂ (german standard)	20410-003
Gas cylinder connector (GB, F, USA) pin index 3+5 for N ₂ O	20410-005
Gas cylinder connector (GUS) M 22 x 1,5	20410-013
Gas cylinder connector (Russia) for CO ₂ (M 26 x 1,5)	20410-016
Gas cylinder connector (GB, F, USA) for CO ₂	20410-011
Gas cylinder connector (CGA) 326 (G1/2")	20410-014
Gas cylinder connector (F) (M 26 x 1,5)	20410-037

Probe tips for ERBOKRYO 12

Cryo probe tip, Ø 3 x 2.6 mm

e.g. for dermatology

No. 20420-010

 = 1

max 95 °C

 30420-041

max 134 °C



Cryo probe tip, conical, Ø 9.5 mm

e.g. for dermatology

No. 20420-012

 = 1

max 95 °C

 30420-041

max 134 °C



Cryo probe tip, oval, Ø 9.5 mm

e.g. for dermatology

No. 20420-013

 = 1

max 95 °C

 30420-041

max 134 °C



Cryo probe tip, Ø 19 mm

e.g. for portio ectopy

No. 20420-014

 = 1

max 95 °C

 30420-041

max 134 °C



Cryo probe tip, Ø 19 mm

e.g. for portio ectopy

No. 20420-015

 = 1

max 95 °C

 30420-041

max 134 °C



Probe tips for ERBOKRYO 12

Cryo probe tip, flat, Ø 19 mm



e.g. for dermatology

No. 20420-016



30420-041

max 95 °C

max 134 °C

Cryo probe tip, Ø 19 mm



e.g. for portio ectopy

No. 20420-020



30420-041

max 95 °C

max 134 °C

Cryo probe tip, Ø 21 mm



e.g. for portio ectopy

No. 20420-021



30420-041

max 95 °C

max 134 °C

Cryo probe tip, Ø 23 mm



e.g. for portio ectopy

No. 20420-022



30420-041

max 95 °C

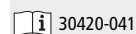
max 134 °C

Cryo probe tip, Ø 25 mm



e.g. for portio ectopy

No. 20420-023



30420-041

max 95 °C

max 134 °C

Probe tips for ERBOKRYO 12

Cryo probe tip, Ø 18 mm



e.g. for portio ectopy

No. 20420-024



30420-041

max 95 °C

max 134 °C

Gas cylinder connectors and further accessories	No.
Gas cylinder connector for N ₂ O (german standard)	20410-001
Gas cylinder connector (UK, Greece) (11/16" x 20)	20410-002
Gas cylinder connector für CO ₂ (german standard)	20410-003
Gas cylinder connector (F) (M 26 x 1,5)	20410-037
Gas cylinder connector G 1/2"	20410-014
Gas cylinder connector (GUS) M 22 x 1,5	20410-013
Gas cylinder connector (GB, F, USA) pin index 3+5 for N ₂ O	20410-005
Filter cartridges (set)	20410-008
Trolley with bracket	20420-007
Wall mount support for gas cylinder and cryo gun	20420-030
Cylinder cover for N ₂ O cylinders (german standard)	20410-039

Applicators for ERBOKRYO DERM

Set of spray nozzles



No. 20475-002

= 5

30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 20 mm



for dermatology

No. 20475-045

= 1

30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 1.5 mm



for dermatology

No. 20475-046

= 1

30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 2 mm



for dermatology

No. 20475-047

= 1

30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 5 mm



for dermatology

No. 20475-048

= 1

30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 5 mm



for dermatology

No. 20475-049

= 1

30475-023

max 95 °C

max 134 °C

Applicators for ERBOKRYO DERM

Contact applicator, Ø 10 mm



for dermatology

No. 20475-053



= 1



30475-023

max 95 °C

max 138 °C

Contact applicator, 5 x 8 mm



for dermatology

No. 20475-056



= 1



30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 15 mm



for dermatology

No. 20475-057



= 1



30475-023

max 95 °C

max 134 °C

Contact applicator, Ø 10 mm



for dermatology

No. 20475-070



= 1



30475-023

max 95 °C

max 134 °C

Accessories for ERBOKRYO DERM

No.

ERBOKRYO DERM, handheld unit for liquid nitrogen

10478-000

Refill system

20477-010

LN2-container, 30 liters

20477-011

Cart for LN2-container, 30 liters

20477-012

ELECTROSURGERY
VESSEL SEALING
ARGON PLASMA COAGULATION
CRYO SURGERY
WATERJET SURGERY

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