ACCESSORIES FOR SUBSYSTEMS

NT 2

APC 2

EIP 2 irrigation pump

IES 2 smoke evacuation

Bracket

Fluid management system

ERBE

Perfection for Life

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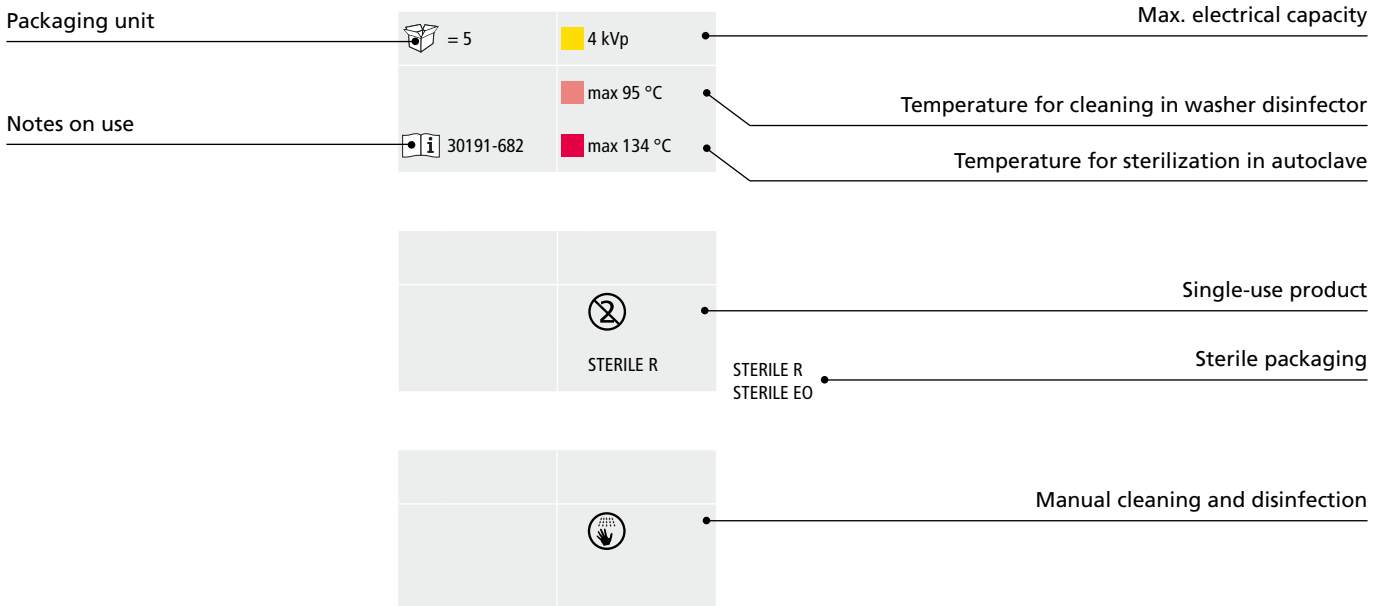
The information and recommendations given here may not be construed as constituting any basis for any claims against ERBE Elektromedizin GmbH. Should legal regulations stipulate liability, such liability shall be limited to intentional misconduct or gross negligence.

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
		max 95 °C — Temperature for cleaning in washer disinfector
Notes on use	i 30191-682	max 134 °C — Temperature for sterilization in autoclave

Single-use product

STERILE R — Sterile packaging
STERILE R
STERILE EO

Manual cleaning and disinfection

Electrosurgery

Accessories for subsystems

Overview

Subsystems	with electrosurgical unit	Stand-alone solution
APC 2	VIO	e.g. for laser surgery and further disciplines
IES 2 smoke evacuation		
EIP 2 irrigation pump		
Nerve test NT 2		

Accessories for subsystems

APC pressure reducers and argon gas cylinders

Country-specific gas cylinder connectors

APC 2 / APC 300			
DIN 477, Nr. 6 m	CGA Nr. 580 m	DIN 477, Nr. 10 m	BS 341, Nr. 3 m
A	B	C	D

A for Afghanistan, Algeria, Andorra, Argentina **B***, Austria, Bangladesh **D***, Belgium, Bhutan, Brazil **B***, Brunei, Caribbean Countries, Chile **B***, China, Croatia, Cyprus, Czech Republic, Egypt, Estonia, France, Germany, Greece, Hungary, Iceland, India **D***, Indonesia, Iran, Ireland, Israel, Japan, Korea North, Korea South, Kuwait **D***, Latvia, Lebanon, Libya, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malaysia, Malta, Mauritius, Morocco, Myanmar, Namibia, Nepal **D***, Oman **D***, Pakistan **D***, Peru **B***, Philippines, Poland, Portugal, Qatar **D***, Romania, Russia, Saudi Arabia **D***, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka **D***, Sudan, Switzerland, Taiwan (ROC), Thailand **D***, Tunisia, Turkey, Ukraine, United Arab Emirates **D***, Uruguay, Vietnam **D***, Yemen **D***, Yugoslavia

B for Argentina **A***, Bolivia, Brazil **A***, Canada, Chile **A***, Columbia, Dominican Republic, Ecuador, El Salvador, Guam, Guatemala, Haiti, Honduras, Italy, Mexico, New Zealand, Panama, Peru **A***, USA, Venezuela

C for Denmark, Finland, Ivory Coast, Netherlands, Norway, Sweden

D for Australia, Bangladesh **A***, Great Britain, India **A***, Kuwait **A***, Nepal **A***, Northern Ireland, Oman **A***, Pakistan **A***, Qatar **A***, Saudi Arabia **A***, Sri Lanka **A***, Thailand **A***, United Arab Emirates **A***, Vietnam **A***, Yemen **A***

* further gas cylinder connectors possible

APC pressure reducers and argon gas cylinders

Pressure reducer with sensor for APC 2, with manual connection

gas cylinder connector to DIN 477 No. 6 m,
W 21,8 outside, with hose 0.5 m

No. 20134-004

= 1

Ⓐ

[i] 30134-008

Pressure reducer without sensor for APC 300, with manual connection

gas cylinder connector to DIN 477 No. 6 m,
W 21,8 outside, with hose 0.5 m

No. 20132-052

= 1

Ⓐ

[i] 30132-154

Argon gas cylinder, 5 liters, empty

gas cylinder connector to DIN 477 No. 6 m,
dimensions: height 60 cm, Ø 14 cm,
weight: 8.8 kg

No. 20132-171

= 1

Ⓐ

Argon gas cylinder, 5 liters, 200 bar (2800 psi) filled with 4.8 argon gas (99,998%)

gas cylinder connector to DIN 477 No. 6 m,
dimensions: height 60 cm, Ø 14 cm,
weight: 10.7 kg

No. 20132-004

= 1

Ⓐ

[i] 30132-154

Accessories for subsystems

APC pressure reducers and argon gas cylinders

Pressure reducer with sensor for APC 2, with manual connection

gas cylinder connector to CGA No. 580 m, 0,965" inside, with hose 0.5 m

No. 20134-002

= 1

B

ℹ 30134-008

Pressure reducer without sensor for APC 300, with manual connection

gas cylinder connector to CGA No. 580 m, 0,965" inside, with hose 0.5 m

No. 20132-065

= 1

B

ℹ 30132-154

Argon gas cylinder, 5 liters, empty

gas cylinder connector to CGA No. 580 m, dimensions: height 60 cm, Ø 14 cm, weight: 8.1 kg

No. 20132-165

= 1

B

APC pressure reducers and argon gas cylinders

Pressure reducer with sensor for APC 2, with manual connection

gas cylinder connector to DIN 477 No. 10 m,
W 24,32 outside, with hose 0.5 m

No. 20134-001

= 1

C

i 30134-008

Pressure reducer without sensor for APC 300, with manual connection

gas cylinder connector to DIN 477 No. 10 m,
W 24,32 outside, with hose 0.5 m

No. 20132-074

= 1

C

i 30132-154

Pressure reducer with sensor for APC 2, with manual connection

gas cylinder connector to BS 341 No. 3 m,
G 5/8" inside, with hose 0.5 m

No. 20134-003

= 1

D

i 30134-008

Pressure reducer without sensor for APC 300, with manual connection

gas cylinder connector to BS 341 No. 3 m,
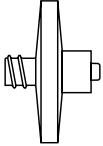G 5/8" inside, with hose 0.5 m

No. 20132-076

= 1

D

i 30132-154

Accessories for subsystems

Further APC accessories

Bacteriological filter set, APC 2, APC 300, 0.2 μm, steril

	No. 20132-059
⧈ = 50	
ⓘ 30132-275	⊗ STERILE EO

Connecting tube for central gas supply, APC 2, APC 300, length 1 m

	No. 20132-085
⧈ = 1	

Fastening sets	No.
Fastening set, ICC 350, ICC 300, ICC 200 with APC 300 on cart	**20132-061**
Fastening set ICC 350, ICC 300, ICC 200 with APC 300 on console	**20132-062**

Filter cartridge, IES 2, IES 300, with connection Ø 22 mm

	No. 20321-000
= 1	
30321-010	⊗

Prefilter for use with smoke evacuators, with connection Ø 22 mm

	No. 20321-003
= 15	
	⊗
30321-010	STERILE R

Electrosurgical pencil with 2 buttons, VIO, ICC, ACC, Ø 10 / 22 mm, International

	No. 20321-008
= 25	4.5 kVp
	⊗
30321-001	STERILE EO

with connecting cable 3 m, with spatula electrode and integrated smoke evacuation, shaft extension 100 mm

Clip-on handle for Slim-Line electrosurgical pencils, tip short 12 mm

	No. 20321-007
= 25	
	⊗
30321-000	STERILE EO

with evacuation tubing 3 m and connection Ø 22 mm, without electrosurgical pencil

Clip-on handle for Slim-Line electrosurgical pencils, tip long 100 mm

	No. 20321-020
= 25	
	⊗
30321-000	STERILE EO

with evacuation tubing 3 m and connection Ø 22 mm, without electrosurgical pencil

Accessories for subsystems

IES smoke evacuation

Suction hose, with connection Ø 22 mm, length 2.1 m

	No. 20321-012
🗃 = 1	
	⬛ max 95 °C
	⬛ max 132 °C

Suction hose, with connection Ø 22 mm, length 2.7 m

	No. 20321-009
🗃 = 1	
	⬛ max 95 °C
	⬛ max 132 °C

Evacuation tube, optimized streaming, with connection Ø 22 mm

	No. 20321-004
🗃 = 1	
	⬛ max 95 °C
	⬛ max 134 °C

Evacuation funnel, with connection Ø 22 mm

	No. 20321-010
🗃 = 1	
	⬛ max 95 °C
	⬛ max 134 °C

Hose coupling Ø 22 mm to Ø 22 mm

	No. 20321-005
🗃 = 3	
	⬛ max 95 °C
	⬛ max 134 °C

IES smoke evacuation

Holding arm for tube with 3 joints, length 1.3 m
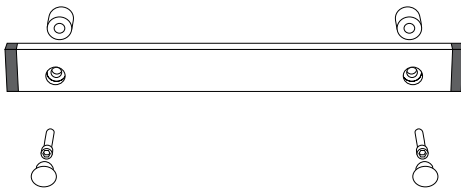
for fastening on bracket 20180-040

No. 20321-014

= 1

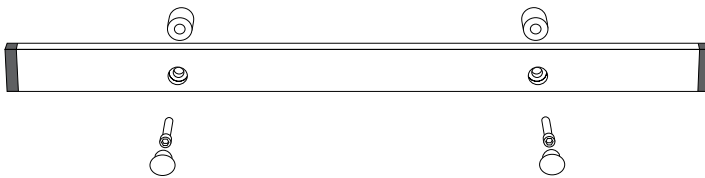max 95 °C

30321-008 max 132 °C

Upper bracket for VIO CART, length 260 mm

No. 20180-040

= 1

Lower bracket for VIO CART, length 390 mm

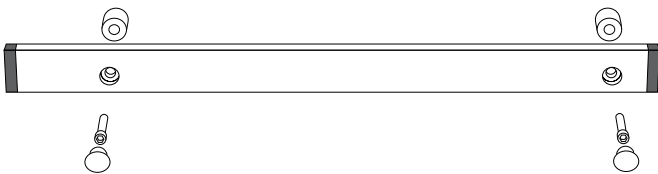**No. 20180-042**

= 1

for use with secretion suction

Bracket for IES 300, length 355 mm

No. 20321-015

= 1

30321-008

Accessories for subsystems

IES smoke evacuation

One-pedal foot switch for IES 2, AP & IP X8 equipment

with connecting cable 5 m, with connecting plug 7 poles

No. 20322-101

= 1

max 75 °C

30189-301

One-pedal foot switch for IES 300, AP & IP X8 equipment

with connecting cable 5 m, connecting plug 6 poles

No. 20321-001

= 1

30189-028

One-pedal foot switch for IES 300, IP X8 Equipment

without AP protection, with connecting cable 5 m, connecting plug 6 poles

No. 20321-011

= 1

30189-028

Power cord and foot switch cable	i	No.
Power cord ICC / IES 300, length 0.35 m	80134-050	**51704-033**
Cable for IES 2 foot switch 20322-101		**20322-103**

Fastening sets	i	No.
Fastening set IES 2 to VIO Cart 20180-000	30140-073 80180-000	**20180-132**
Fastening set IES 300 on ICC cart 20185-005 with ICC 350 / ICC 300 / ICC 200		**20321-016**
Fastening set ICC 200 / ICC 300 / ICC 350 + IES 300 on cart UNIVERSAL 20185-100, 20185-101		**20321-019**

EIP 2 irrigation pump

Tubing set EIP 2, for flexible endoscopes with Luer Lock connection, length 2.5 m

	No. 20325-001
= 5	
i 30325-001	STERILE EO

One-pedal foot switch for EIP 2, AP & IP X8 equipment

	No. 20325-000
= 1	
i 30189-028	

Hook for irrigation liquid bag on bracket / VIO Cart

	No. 20325-002
= 1	
	max 95 °C
	max 134 °C

Irrigation adapters	No.
EIP 2 Adapter OLYMPUS	20325-003
EIP 2 Adapter FUJINON	20325-004
EIP 2 Adapter PENTAX	20325-005

Fastening sets	No.
Fastening set EIP 2 / ESM 2 to VIO Cart 20180-000	20180-135
Fastening set EIP 2 to Universal Cart	20185-203

Accessories for subsystems

Fluid management system

Reusable, with one suction unit

Single components	Pieces	No.
Silicone hose incl. DIN VAC plug, length 5 m	1	20340-001
Central vacuum regulator with stop valve and rotable manometer, incl. rail bracket	1	20340-000
Silicone hose, length 600 mm	1	20340-004
Rail bracket, plastic	1	20340-002
Suction jar, 2 liters	1	20340-005
Lid for suction jar incl. mechanical overflow protection	1	20340-006
Hydrophobic single use filter	1*	20340-007
Upper bracket for VIO CART, length 260 mm	1*	20180-040
Bracket for IES 300, length 355 mm	1*	20321-015

* optional

Reusable, with two suction units

Single components	Pieces	No.
Silicone hose incl. DIN VAC plug, length 5 m	1	20340-001
Central vacuum regulator with stop valve and rotable manometer, incl. rail bracket	1	20340-000
Silocone hose, length 600 mm	1	20340-004
Reversing valve, rail bracket with two silicone hoses, length 300 mm	1	20340-003
Rail bracket, plastic	2	20340-002
Suction jar, 2 liters	2	20340-005
Lid for suction jar incl. mechanical overflow protection	2	20340-006
Hydrophobic single use filter	1*	20340-007
Lower bracket for VIO CART, length 390 mm	1	20180-042
Upper bracket for VIO CART, length 260 mm	1	20180-040

* optional

Fluid management system

Central vacuum regulator with stop valve and rotatable manometer

incl. rail bracket

	No. 20340-000
= 1	

Silicon hose incl. DIN VAC plug, length 5 m

	No. 20340-001
= 1	
	■ max 95 °C
	■ max 134 °C

Silicone hose, length 600 mm

	No. 20340-004
= 1	
	■ max 95 °C
	■ max 134 °C

Rail bracket, plastic

	No. 20340-002
= 1	
	■ max 95 °C
	■ max 134 °C

Change-over valve, rail bracket and two silicone hoses, length 300 mm

	No. 20340-003
= 1	
	■ max 95 °C
	■ max 134 °C

Fluid management system

Suction jar, 2 liters

	No. 20340-005
☐ = 1	
	▮ max 95 °C
	▮ max 134 °C

Lid for suction jar, incl. mechanical overflow protection

	No. 20340-006
☐ = 1	
	▮ max 95 °C
	▮ max 134 °C

Hydrophobic single-use filter

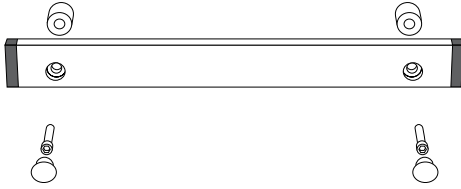(optional for lid of suction jar instead of mechanical overflow protection)

	No. 20340-007
☐ = 1	
	⊗

Fluid management system
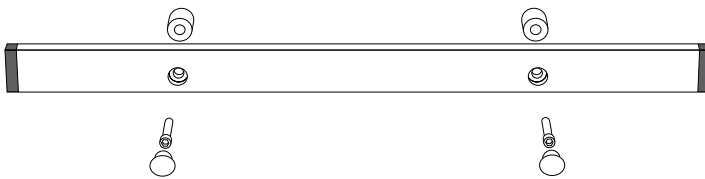
Upper bracket for VIO CART, length 260 mm

No. 20180-040

☐ = 1

Lower bracket for VIO CART, length 390 mm
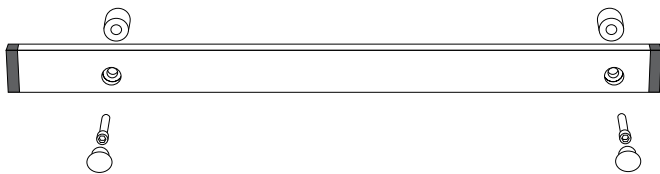
No. 20180-042

☐ = 1

for use with secretion suction

Bracket for IES 300, length 355 mm

No. 20321-015

☐ = 1

ℹ 30321-008

Nerve test / NT 2

Electrosurgical pencil for nerve test with 1 button, for silver ball electrode, NT 2, ICC 350 ZMK

	No. 20190-148	
🗁 = 1		🟨 0.25 kVp
		🟧 max 95 °C
ℹ 30190-262		🟥 max 138 °C

with connecting cable 4 m

Silver ball electrode for nerve test, Ø 1 mm, shaft Ø 4 mm

	No. 20191-079	
🗁 = 1		🟨 0.25 kVp
		🟧 max 95 °C
ℹ 30191-724		🟥 max 134 °C

Patient plates for NT 2, without connecting cable

	No. 20142-200
🗁 = 20	
	⊘

Patient plate cable for NT 2, length 2.5 m

	No. 20142-101
🗁 = 10	
	✋

Patient plate cable for NT 2, length 5 m

	No. 20142-100
🗁 = 1	
	✋

Remote control (FB 2) for nerve test, ICC 350 ZMK

	No. 20121-007
= 1	
	(hand symbol)

Bracket for remote control (FB 2), ICC 350 ZMK

	No. 20128-006
= 1	
	(hand symbol)

Test box 3 for checking of electrosurgical accessories

	No. 20183-042
= 1	
80112-002	

ELECTROSURGERY

VESSEL SEALING
ARGON PLASMA COAGULATION
CRYO SURGERY
WATERJET SURGERY

ISO 9001
ISO 13485
CERTIFICATION

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