



Accessories for units
and modules



Legend

Important notes

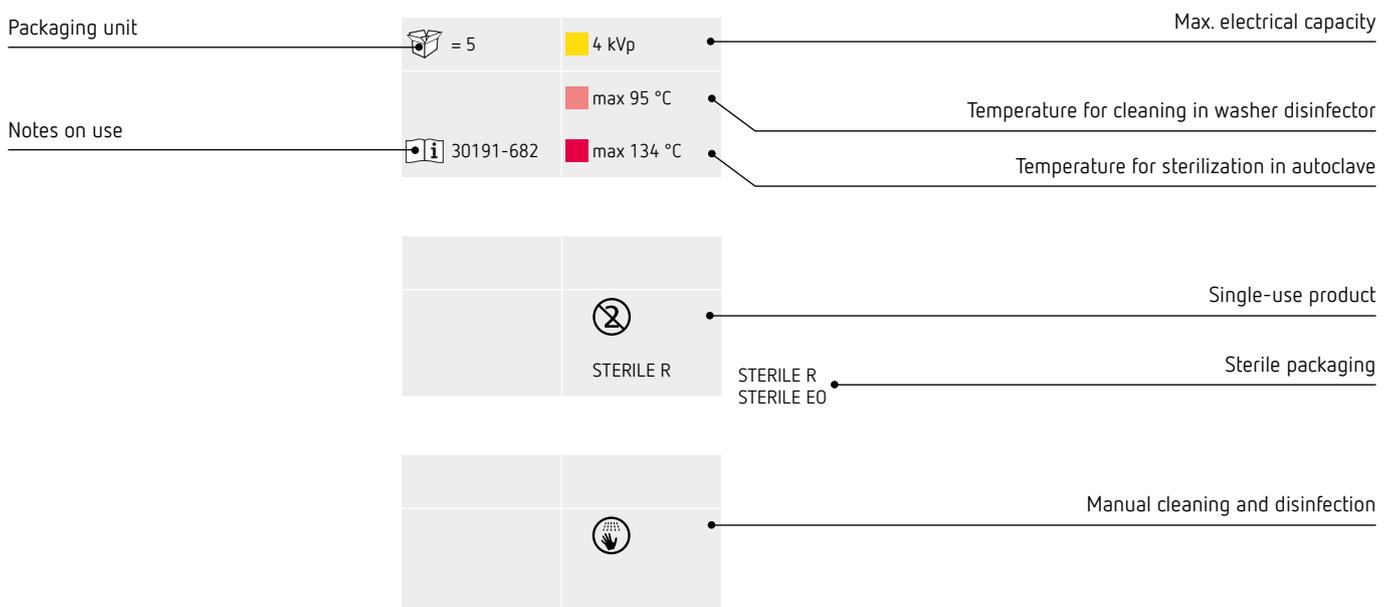
The authors and Erbe Elektromedizin GmbH have taken the greatest possible care while compiling the catalogue with electrosurgical accessories. Nevertheless, it is impossible to exclude the possibility that errors may be contained herein.

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.

Further product information



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

Electrosurgery

Accessories for ESU

- 04 Carts and accessories
- 07 Fastening sets
- 07 Potential equalization lines / Power cords
- 08 Foot switches
- 12 Upgrades
- 12 Socket modules

Accessories for modules

- 13 APC pressure reducers and argon gas cylinders
- 16 Further APC accessories
- 17 IES smoke evacuation
- 21 EIP 2 irrigation pump
- 23 Fluid management system
- 26 Nerve test / NT 2
- 27 Test box

Overview

Subsystems

APC 2



IES 2 smoke evacuation



EIP 2 irrigation pump



Nerve test NT 2



with electrosurgical unit

VIO



Stand-alone solution

*e.g. for laser surgery
and further disciplines*

Accessories for units

Carts and accessories

VIO CART, system carrier for VIO family and modules



dimensions: 630 x 940 x 650 mm (WxHxD)
 weight: 31 kg
 4 conductive castors \varnothing 100 mm, with fixing brake
 1 power input
 3 power outlets

incl. following accessories:
 1 grab handle out of stainless steel
 2 cable holders
 1 foot switch bracket (for currently available foot switches)

No. 20180-000

= 1

80180-018



Wire basket, 339 x 100/155 x 205 mm (W x H x D)



No. 20180-010

= 1



Cable holder



No. 20180-020

= 1



Upper bracket for VIO CART, length 260 mm



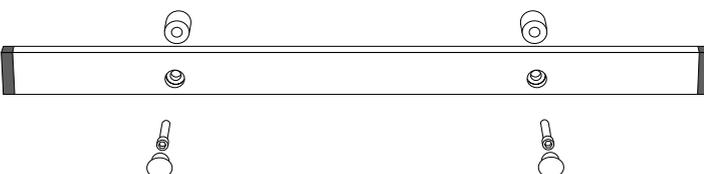
No. 20180-040

= 1



Lower bracket for VIO CART, length 390 mm

for use with secretion suction



No. 20180-042

= 1



Accessories for units

Carts and accessories

Foot switch support, plastic



for currently available VIO foot switches

No. 20180-051

 = 1



Cylinder pad for argon gas cylinder



No. 20180-080

 = 1

Fastening strap for argon gas cylinder



No. 20180-120

 = 1

Accessories for units

Carts and accessories

Universal CART (CE) for VIO D/S, APC 2, VEM 2, ICC, APC 300, IES 300



dimensions: 520 x 890 x 465 mm (WxHxD)
 weight: 30 kg
 4 castors ø 100 mm, of which front 2 conductive with fixing brake
 1 power input
 3 power outlets

incl. following accessories:
 1 instrument tray 339 x 155 x 205 mm (W x H x D)
 1 grab handle
 2 cable holders
 1 foot switch support 20180-051 for currently available foot switches
 2 cylinder pads for argon gas cylinder
 2 fastening straps for argon gas cylinder

No. 20185-205

 = 1



BASIC CART with 1 drawer for VIO D/S, NT 2, VEM 2



dimensions: 510 x 790 x 560 mm (WxHxD)
 weight: 22 kg
 4 conductive castors ø 100 mm, of which two with fixing brake

No. 20185-101

 = 1



BASIC CART without drawer for VIO D/S, NT 2, VEM 2



dimensions: 510 x 790 x 560 mm (WxHxD)
 weight: 22 kg
 4 conductive castors ø 100 mm, of which two with fixing brake

No. 20185-100

 = 1



Further asseccories

Cable holder, 2 pieces required

No.

20185-107

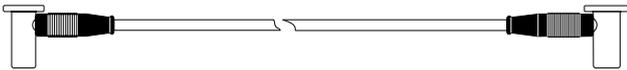
Accessories for units

Fastening sets

Fastening sets	No.
VIO D/S / APC 2 / VEM 2 on VIO CART 20180-000	20180-131
VIO D/S / APC 2 / VEM 2 on Universal Cart 20185-205	20180-131
VIO D/S / APC 2 / VEM 2 on BASIC CART 20185-100, 20185-101	20180-131
VIO D/S / APC 2 / VEM 2 on console	20180-133
VIO D/S on APC 2 / VEM 2 (version since 2005)	20180-134
VIO D/S on APC 2 / VEM 2 (version until 2004)	20180-130
EIP 2 on VIO CART 20180-000	20180-135
EIP 2 on Universal Cart 20185-205	20185-203
IES 2 on VIO CART 20180-000, incl. ECB cable 15 cm	20180-132
ICC 200 / ICC 300 / ICC 350 on Universal Cart 20185-205	20132-061
ICC 200 / ICC 300 / ICC 350 + APC 300 on Universal Cart 20185-205	20132-061
ICC 200 / ICC 300 / ICC 350 + APC 300 + IES 300 on Universal Cart 20185-205	20132-061 20321-019
IES 300 on Universal Cart 20185-205	20321-019
ICC 200 / ICC 300 / ICC 350 + IES 300 on BASIC CART 20185-100, 20185-101	20321-019

Potential equalization lines / Power cords

Potential equalization lines	Length	No.
Potential equalization line, for all types of units, connections acc. to DIN 42801	5 m	20194-025



Power cords	Country	Length	No.
Power cord 10A	Germany	0.5 m	51704-046
Power cord 10A	Germany	2.5 m	51704-037
Power cord 10A	Germany	4 m	51704-032
Power cord 10A	Germany	5 m	51704-042
Power cord 10A	Great Britain	2.5 m	51704-038
Power cord 10A	Great Britain	5 m	51704-043
Power cord 10A	Italy	2.5 m	51704-040
Power cord 10A	Italy	5 m	51704-045
Power cord 10A	Canada	4 m	51704-039
Power cord ICC / IES 300		0.35 m	51704-033

Accessories for units

Foot switches

ReMode two-pedal foot switch for VIO D with bracket, AP & IP X8 equipment



with connecting cable 5 m, ReMode function only available with VIO D

No. 20189-301

= 1

max 75 °C

30189-301



ReMode two-pedal foot switch for VIO D, AP & IP X8 equipment



with connecting cable 5 m, ReMode function only available with VIO D

No. 20189-303

= 1

max 75 °C

30189-301



Two-pedal foot switch for VIO D/S with bracket, AP & IP X8 equipment



with connecting cable 5 m

No. 20189-300

= 1

max 75 °C

30189-301



Two-pedal foot switch for VIO D/S, AP & IP X8 equipment



with connecting cable 5 m

No. 20189-302

= 1

max 75 °C

30189-301



ReMode one-pedal foot switch for VIO D, AP & IP X8 equipment



with connecting cable 5 m, for VIO D from version V 1.7.6

No. 20188-302

= 1

max 75 °C

30189-301



Accessories for units

Foot switches

One-pedal foot switch for VIO D/S, AP & IP X8 equipment



with connecting cable 5 m

No. 20188-300

= 1

max 75 °C

30189-301



Two-pedal foot switch for VIO C, AP & IP X8 equipment



with connecting cable 5 m

No. 20189-107

= 1

30189-108



One-pedal foot switch for VIO C, AP & IP X8 equipment



with connecting cable 5 m

No. 20188-102

= 1

30189-108



Further accessories for VIO foot switch	No.
Hoop guard for VIO two-pedal foot switch	20189-306
Cover for foot switch	20189-307
Middle piece for two-pedal foot switch	20189-308
Cable for VIO foot switch, length 5 m	20189-309
Extension for VIO foot switch, length 0.6 m	20189-103

Accessories for units

Foot switches

Two-pedal foot switch for ICC, ACC, T-series, AP & IP X8 equipment



with connecting cable 5 m, connecting plug 4 poles

No. 20189-009

= 1

30189-028



Two-pedal foot switch for ICC 80, ICC 50, ICC Bipolar, IP X8 equipment



without AP protection, with connecting cable 5 m,
with connecting plug 4 poles

No. 20187-003

= 1

30189-028



One-pedal foot switch for ICC, ACC, T-Series, AP & IP X8 equipment



with connecting cable 5 m, connecting plug 4 poles

No. 20188-007

= 1

30189-028



One-pedal foot switch, only for use with ICC 350, AP & IP X8 equipment



activation only ,bipolar', with connecting cable 5 m,
with connecting plug 4 poles

No. 20188-013

= 1

30189-028



Accessories for units

Foot switches

One-pedal foot switch for ICC, ACC, IP X8 equipment



without AP protection, with connecting cable 3 m,
with connecting plug 4 poles

No. 20186-007

= 1

30189-028



Foot switch adapter from VIO D/S to ICC two-pedal foot switch (4 poles), length 0.7 m

for OR-System e.g. DaVinci



No. 20140-004

= 1

30140-212



Foot switch adapter from VIO D/S to ICC one-pedal foot switch (7 poles), length 0.7 m

for OR-System e.g. DaVinci



No. 20140-007

= 1

30140-212



Connecting cable from ICC, ACC (4 poles) to APC 300, length 0.35 m



No. 20189-022

= 1

Accessories for units

Upgrades

VIO Upgrades for VIO D from V.2.x	No.
VIO Upgrade Interface	20140-006
VIO Upgrade Connector BiClamp	29140-214
VIO Upgrade Connector DRY CUT	29140-215
VIO Upgrade Connector TWINCOAG	29140-216
VIO Upgrade Connector PRECISE	29140-217
VIO Upgrade Connector ENDO CUT	29140-218

Socket modules

Socket modules	No.
Assembly kit without socket, for APC 2 / VEM 2	20134-600
Assembly kit for second APC socket, for APC 2	20134-601
Socket module APC	20134-650
FiAPC socket module for APC 2	20134-651
Socket module BI 8/4, as an upgrade kit	20140-610
Socket module BI 2Pin 22-28-8/4, as an upgrade kit	20140-613
Socket module MO 3Pin-Bovie, as an upgrade kit	20140-622
Socket module MO 3Pin-9/5, as an upgrade kit	20140-623
Cover MO 3Pin	20140-625
Socket module MF-0, as an upgrade kit	20140-630
Slot cover without function, as an upgrade kit	20140-660
Socket module NE 6 - NE 2Pin, as an upgrade kit	20140-642

Country-specific gas cylinder connectors APC 2 / APC 300

A

DIN 477, Nr. 6 m

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

CGA Nr. 580 m

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

DIN 477, Nr. 10 m

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

D

BS 341, Nr. 3 m

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*

Accessories for modules

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 with manual connection

No. 20134-004

= 1

30134-008

A

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

A

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

A

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 with manual connection

No. 20134-002

= 1

30134-008

B

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 with manual connection

No. 20132-065

= 1

30132-154

B

Accessories for modules

APC pressure reducers and argon gas cylinders

Argon gas cylinder, 5 liters, empty



gas cylinder connector to CGA No. 580 m
dimensions: height 60 cm, \varnothing 14 cm
weight: 8,1 kg

No. 20132-165

= 1

B

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 with manual connection

No. 20134-001

= 1

30134-008

C

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, with manual connection

No. 20134-003

= 1

30134-008

D

Pressure reducer with sensor



No. 20134-005

= 1

30134-008

Japan

Pressure reducer with sensor



No. 20134-006

= 1

30134-008

B

Accessories for modules

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

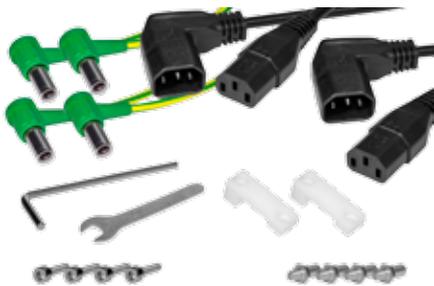


No. 20132-085

= 1

Fastening set for APC 300 and ICC on cart

APC 300 and ICC



No. 20132-061

= 1

Connecting cable from ICC, ACC (4 poles) to APC 300, length 0.35 m



No. 20189-022

= 1

Socket modules

No.

Socket module APC

20134-650

FiAPC socket module for APC 2

20134-651

Accessories for modules

IES smoke evacuation

Filter cartridge for IES 2, IES 300, with connection \varnothing 22 mm



No. 20321-000

= 1

30321-010



Prefilter for use with smoke evacuators, with connection \varnothing 22 mm



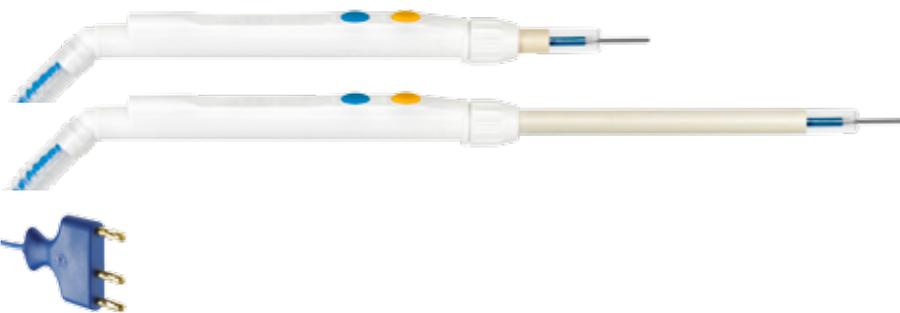
No. 20321-022

= 15



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

with connecting cable 3 m, with spatula electrode and integrated smoke evacuationshaft extension 100 mm.



No. 20321-028

= 25

4.5 kVp

30321-001



STERILE EO

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

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



No. 20321-007

= 25

30321-000



STERILE EO

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

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



No. 20321-020

= 25

30321-000



STERILE EO

Accessories for modules

IES smoke evacuation

Suction hose, with connection \varnothing 22 mm, length 2.1 m



No. 20321-012

= 1

max 95 °C

max 134 °C

Suction hose, with connection \varnothing 22 mm, length 2.7 m



No. 20321-009

= 1

max 95 °C

max 134 °C

Evacuation tube, optimized streaming, with connection \varnothing 22 mm



No. 20321-004

= 1

max 95 °C

max 134 °C

Evacuation funnel, with connection \varnothing 22 mm



No. 20321-010

= 1

max 95 °C

max 134 °C

Hose coupling \varnothing 22 mm to \varnothing 22 mm



No. 20321-005

= 3

max 95 °C

max 134 °C

Accessories for modules

IES smoke evacuation

Holding arm for tube with 3 joints, length 1.3 m



for fastening on bracket 20180-040

No. 20321-014

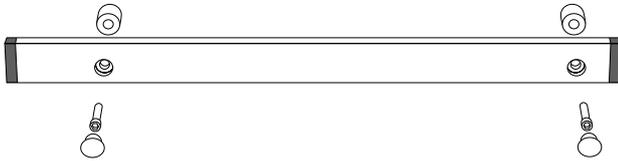
= 1

max 95 °C

30321-008

max 132 °C

Bracket for IES 300, length 355 mm



No. 20321-015

= 1

30321-008



Evacuation element with connector \varnothing 22 mm for IES 2



No. 20322-010

= 1



Accessories for modules

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



Power cord and foot switch cable

No.

Power cord ICC / IES 300, length 0.35 m

51704-033

Cable for IES 2 foot switch with connecting cable 5 m, with connecting plug 7 poles

20322-103

Fastening sets

No.

Fastening set IES 2 to VIO Cart 20180-000 incl. ECB cable

20180-132

Fastening set ICC 200 / ICC 300 / ICC 350 + IES 300 on cart UNIVERSAL 20185-100, 20185-101
ICC 200 / ICC 300 / ICC 350 + IES 300 on cart UNIVERSAL 20185-100, 20185-101

20321-019

Accessories for modules

EIP 2 irrigation pump

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



No. 20325-001

= 5

30325-001



STERILE EO

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



with connecting cable 3 m, connecting plug 4 poles

No. 20325-000

= 1

30189-028



Hook for irrigation liquid bag on bracket / VIO Cart



No. 20325-002

= 1

max 95 °C

max 134 °C

Tubing set for irrigation forceps, length 2,8 m, without connecting cable



for single use, for EIP 2

No. 20325-020

= 5

30325-001



STERILE EO

Accessories for modules

EIP 2 irrigation pump

Irrigation adapter for Olympus, Fujifilm G5, STORZ



No. 20325-003

 = 1

Irrigation adapter for Fujifilm



No. 20325-004

 = 1

Irrigation adapter for PENTAX



No. 20325-005

 = 1

Fastening sets

Fastening set EIP 2 / ESM 2 to VIO Cart 20180-000

No.

20180-135

Fastening set EIP 2 to Universal Cart, EIP 2 to Universal Cart

20321-203

Accessories for modules

Fluid management system

Reusable, with one suction unit



Single components	Pieces	No.
Silicone hose, length 600 mm	1	20340-004
Rail bracket, plastic	1	20340-002
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, 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
Lower bracket for VIO CART, length 390 mm	1	20180-042
Upper bracket for VIO CART, length 260 mm	1	20180-040

Accessories for modules

Fluid management system

Silicone hose, length 600 mm



No. 20340-004

= 1

max 95 °C

max 134 °C

Rail bracket, plastic



for use with suction container 20340-102 and 20340-103

No. 20340-002

= 1

max 95 °C

max 134 °C

Switching valve, rail bracket and 2 silicone hoses, length 300 mm



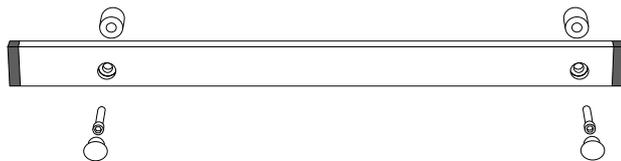
No. 20340-003

= 1

max 95 °C

max 134 °C

Bracket for IES 300, length 355 mm



No. 20321-015

= 1



Accessories for modules

Fluid management system

Suction container, 2.5 liters



for use with suction bag 20340-013

No. 20340-103

 = 1

Suction bag, 2.5 liters



for use with suction container 20340-103

No. 20340-013

 = 30



Suction container, 1.5 liters



for use with suction bag 20340-012

No. 20340-102

 = 1

Suction bag, 1.5 liters



for use with suction container 20340-102

No. 20340-012

 = 30



Accessories for modules

Nerve test / NT 2

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

with connecting cable 4 m



No. 20190-148



= 1

0.25 kVp

max 95 °C



30190-262

max 138 °C

Silver ball electrode for nerve test, \varnothing 1 mm, length 40 mm

Shape / Forming

Piece

No.



straight

1

21191-052

Patient plates for NT 2, without connecting cable



No. 20142-200



= 20



Patient plate cable for NT 2, length 5 m



No. 20142-100



= 1



Accessories for modules

Test box

Test box 3 for checking of electrosurgical accessories



No. 20183-042

 = 1



Erbe Elektromedizin GmbH
Waldhoernlestrasse 17
72072 Tuebingen
Germany

Phone +49 7071 755-0
Fax +49 7071 755-179
info@erbe-med.com
erbe-med.com