

HERMANN

M MCC Medical

Electrosurgery
HF-Generators and Accessories

Electrosurgery



Since the late 90's, MC Medizintechnik Export, located in southern Germany, has provided to prominent medical distributors of products such as implants, prostheses, instrumentation and equipment for general and orthopedic surgery among others. MCC Medical is a registered trademark of MC Medizintechnik Export. With this brand we design, manufacture and sell instruments and medical equipment. Our products are the result of responsible bio-medical research and production processes and quality based on the most advanced global standards applicable to medical technology. All the employees that make our company have a very clear goal. Being leaders in the provision of surgical instruments and medical equipment of the highest international level. We develop instruments that allow greater security, reliability and comfort of surgery. For this reason not only offer stainless steel instruments, but also in titanium. There are lighter and less tiring for surgeries that extend over time.

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**Wiederverwendbare Gummi-Neutralelektroden
und Zubehör**

*Reusable rubber return plates
and accessories*



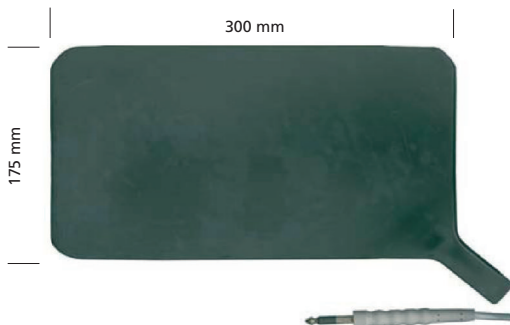
Für Generatoren
Hermann, Martin,
Berchtold

*For generators
Hermann, Martin,
Berchtold*

Anschlusskabel
H98-903-630
H98-903-650

connecting cables
H98-903-630
H98-903-650

H98-901-003



Für Generatoren
Hermann, Martin,
Berchtold, Erbe

*For generators
Hermann, Martin,
Berchtold, Erbe*

mit 4 m Kabel

with 4 m cable

H98-901-004



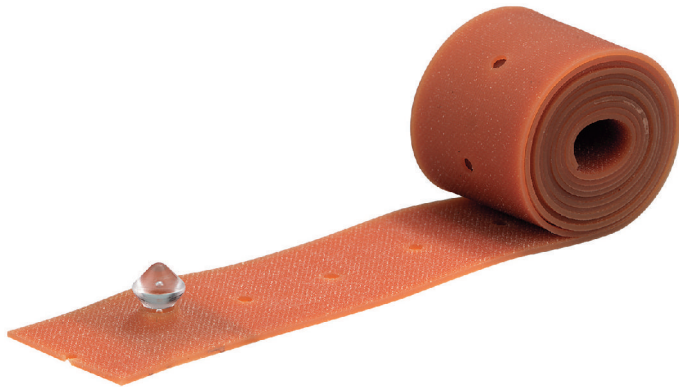
Für Generatoren
Hermann, Martin,
Berchtold

*For generators
Hermann, Martin,
Berchtold*

Anschlusskabel
H98-903-630
H98-903-650

connecting cables
H98-903-630
H98-903-650

H98-901-005



H98-901-120 1000 mm
H98-901-121 500 mm

Elastische
Gummibinde
gelocht, mit
Befestigungs-
knopf

*Rubber band,
perforated,
with fixation
button*



H98-901-175

Befestigungsknopf
für Gummibinde

*Button for
rubber band*

Neutralelektroden zum einmaligen Gebrauch
Single-use return plates

Zur Verwendung mit Kabel:
 Für Hermann, Martin, Berchtold, Erbe Generatoren wird Kabel H98-903-830 oder H98-903-850 benötigt.

To use with cable:
 For Hermann, Martin, Berchtold, Erbe generators H98-903-830 or H98-903-850 cable required.



H98-901-101

ohne Kabel,
 für Erwachsene
 50 Stk./Karton
 Kontaktfläche
 ungeteilt 134 cm²
 Temperaturanstieg < 3°C
 max. Impedanz ca. 1 Ω

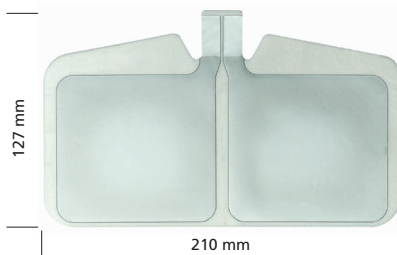
*without cable,
 adult size
 50 pcs./Box
 Conductive area
 non-splitted 134 cm²
 Temperature rise < 3°C
 max. impedance approx. 1 Ω*



H98-901-102

ohne Kabel,
 für Kinder
 50 Stk./Karton
 Kontaktfläche
 ungeteilt 72 cm²
 Temperaturanstieg < 5°C
 max. Impedanz ca. 2 Ω

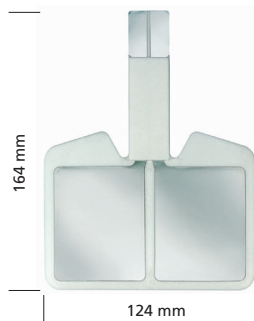
*without cable,
 children size
 50 pcs./Box
 Conductive area
 non-splitted 72 cm²
 Temperature rise < 5°C
 max. impedance approx. 2 Ω*



H98-901-103

ohne Kabel,
 für Erwachsene
 50 Stk./Karton
 Kontaktfläche
 geteilt 160 cm²
 Temperaturanstieg < 3°C
 max. Impedanz ca. 1 Ω

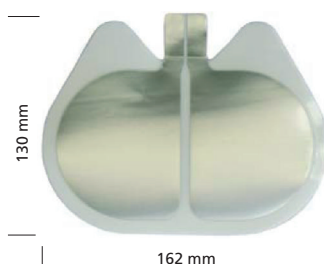
*without cable,
 adult size
 50 pcs./Box
 Conductive area
 splitted 160 cm²
 Temperature rise < 3°C
 max. impedance approx. 1 Ω*



H98-901-104

ohne Kabel,
 für Kinder
 50 Stk./Karton
 Kontaktfläche
 geteilt 72 cm²
 Temperaturanstieg < 5°C
 max. Impedanz ca. 2 Ω

*without cable,
 children size
 50 pcs./Box
 Conductive area
 splitted 72 cm²
 Temperature rise < 5°C
 max. impedance approx. 2 Ω*



H98-901-105

ohne Kabel,
 oval, universal
 50 Stk./Karton
 Kontaktfläche
 geteilt 105cm²
 Temperaturanstieg < 3°C
 max. Impedanz ca. 1,5 Ω

*without cable,
 oval, universal
 50 pcs./Box
 Conductive area
 splitted 105cm²
 Temperature rise < 3°C
 max. impedance approx. 1.5 Ω*

Neutralelektroden mit 3 m Kabel zum einmaligen Gebrauch
Single-use return plates with 3 meters cable



H98-901-112

für Erwachsene und Kinder
 7 Stk./Karton
 Kontaktfläche geteilt 110 cm²
 Temperaturanstieg < 3°C
 max. Impedanz ca. 1,5 Ω
 für Hermann, Martin,
 Berchtold, Erbe ACC/ICC

adult size and children size
 7 pcs./Box
 Conductive area splitted 110 cm²
 Temperature rise < 3°C
 max. impedance approx. 1,5 Ω
 for Hermann, Martin,
 Berchtold, Erbe ACC/ICC

Anschlusskabel für Neutralelektroden
Connecting cable for return plates

Stecker Geräteseite
Plug, generator side

Stecker Neutralelektrodenseite
Plug, return plate side

Für Generator Typ
For generator type

Für Elektrodentyp
For electrode type



H98-903-630 3 m
H98-903-650 5 m

Hermann,
 Martin,
 Berchtold

H98-901-003
 H98-901-005



H98-903-730 3 m
H98-903-750 5 m

Valleylab,
 Conmed,
 Erbe ICC
 International

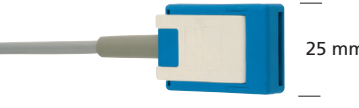
H98-901-003
 H98-901-005



H98-903-830 3 m
H98-903-850 5 m

Hermann,
 Martin,
 Berchtold

H98-901-101
 H98-901-102
 H98-901-103
 H98-901-104
 H98-901-105



H98-903-950 5 m

Valleylab,
 Conmed,
 Erbe ICC
 International

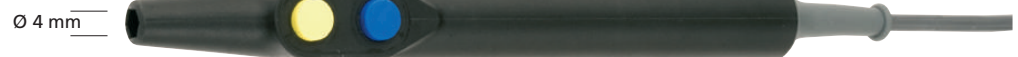
H98-901-101
 H98-901-102
 H98-901-103
 H98-901-104
 H98-901-105

Elektrodenhandgriffe Electrode handles

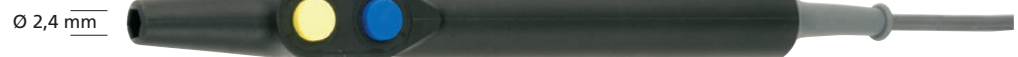
Elektrodenhandgriffe "Premium"
mit fest verbundenem Kabel

*Electrode handles "Premium"
with fixed cable*

H98-902-245 5 m



H98-902-345 5 m



Elektrodenhandgriffe "Economic"
mit fest verbundenem Kabel

*Electrode handles "Economic"
with fixed cable*

H98-902-030 3 m



H98-902-050 5 m

H98-902-130 3 m



H98-902-150 5 m

für/for
Hermann,
Berchtold International
Valleylab,
Erbe ICC International,



Ø 1,6 mm



H98-902-731 3 m

Elektrodenhandgriff
ohne Schalter
für Hermann, Martin,
Berchtold

*Electrode handle
without switch
for Hermann, Martin,
Berchtold*

Hermann,
Martin, Berchtold

Monopolar Elektroden
für Dental und Kosmetik
Applikationen Seite 15

*Monopolar electrodes
for dental and cosmetic
applications see page 15*

Monopolare und bipolare Adapter
Monopolar and bipolar adaptors



Für Erbe ACC/ICC Generatoren zum Anschluss von Handgriffen mit Tasten und US 3-Pin-Stecker

For Erbe ACC/ICC generators, connecting fingerswitch handles with US type 3-pin plug

H98-902-911



Für Martin, Berchtold Generatoren zum Anschluss von Handgriffen mit Tasten und US 3-Pin-Stecker

For Martin, Berchtold generators, connecting fingerswitch handles with US type 3-pin plug

H98-902-913



Bipolar-Adapter für Bipolarkabel (Typ Valleylab 2-pin) an Erbe Generatoren

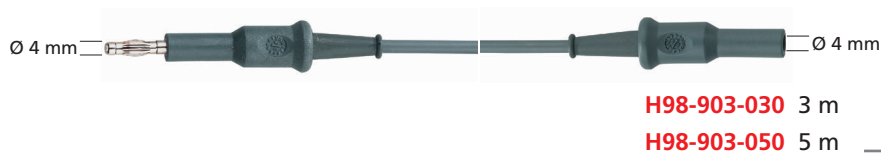
Bipolar adaptor for bipolar cables (type Valleylab 2-pin) for Erbe generators

H98-902-914

Monopolare Anschlusskabel Monopolar connecting cables

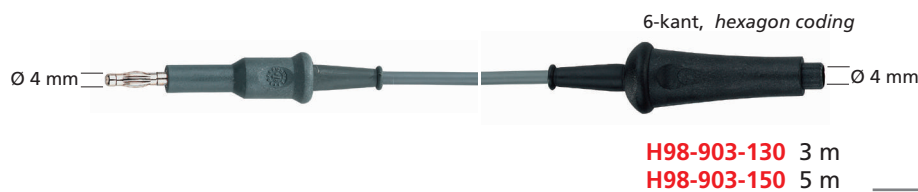
Stecker Geräteseite
Plug, generator side

Stecker Instrumentenseite
Plug, instrument side



Laparoskopie
passend für
Hermann,
Martin, Berchtold
Generatoren

Laparoscopy
fitting Hermann,
Martin, Berchtold



6-kant, hexagon coding

**Arthroskopie-
elektroden**
passend für
Hermann,
Martin, Berchtold
Generatoren

*Arthroscopic-
electrodes*
fitting Hermann,
Martin, Berchtold

Monopolare Resektoskopkabel Monopolar resectoscope cables

Stecker Geräteseite
Plug, generator side

Stecker Instrumentenseite
Plug, instrument side



H50-050-010 3 m
H50-055-010 5 m

Passend für
Hermann, Martin,
Berchtold

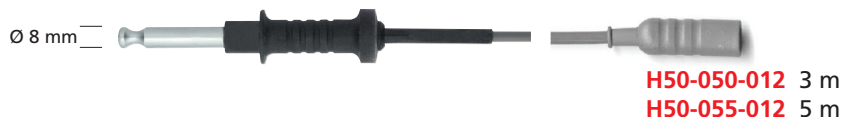
Fitting
Hermann, Martin,
Berchtold



H50-050-011 3 m
H50-055-011 5 m

Passend für
Erbe, Storz

Fitting
Erbe, Storz



H50-050-012 3 m
H50-055-012 5 m

Passend für
Valleylab, Bovie

Fitting
Valleylab, Bovie

Bipolare Pinzettenkabel Bipolar cables for forceps

Stecker Geräteseite
Plug, generator side

Stecker Instrumentenseite
Plug, instrument side



H98-903-313 3 m für Erbe ICC/ACC Generatoren *for Erbe ICCI/ACC generators*
H98-903-315 5 m



H98-903-323 3 m für Berchtold, Integra Generatoren *for Berchtold, Integra generators*
H98-903-325 5 m



H98-903-330 3 m für Hermann, US-Modelle 2 Pol Generatoren *for Hermann US 2-pin models generators*
H98-903-350 5 m



Entspricht nicht dem Abschnitt 46.104b) der internationalen Norm IEC 60601-2-2:2007. Kabel nur an bipolaren Ausgang von Elektrochirurgiegeräten anschließen.
Not according to section 46.104b) of the international norm IEC 60601-2-2:2007. Only connect the cable to bipolar exit of electrosurgical units.



H98-903-373 3 m für Hermann, Internationale Modelle 2 Pol Generatoren *for Hermann, international models 2-pin generators*
H98-903-375 5 m



H98-903-383 3 m für Hermann, Internationale Modelle 2 Pol Generatoren *for Hermann, international models 2-pin generators*
H98-903-385 5 m



H98-903-395 5 m geschützt, für Hermann, Internationale Modelle 2 Pol Generatoren *protected, for Hermann, international models 2-pin generators*



H98-903-343 3 m für Hermann, US-Modell US-Modelle 2 Pol Generatoren *for Hermann, US-model US 2-pin models generators*
H98-903-345 5 m



Entspricht nicht dem Abschnitt 46.104b) der internationalen Norm IEC 60601-2-2:2007. Kabel nur an bipolaren Ausgang von Elektrochirurgiegeräten anschließen.
Not according to section 46.104b) of the international norm IEC 60601-2-2:2007. Only connect the cable to bipolar exit of electrosurgical units.



H98-903-333 3 m für Hermann, US-Modell Internationale Modelle 2 Pol Generatoren *for Hermann, US-model international models 2-pin generators*
H98-903-335 5 m

Monopolare Standardelektroden Monopolar standard electrodes

Zur Verwendung
mit Elektrodenhand-
griffen Seite 8
*To use with electrode
handles page 8*












Zur Verwendung
mit Elektrodenhand-
griffen Seite 8
*To use with electrode
handles page 8*



Ø 4 mm



Ø 2,4 mm

	H98-904-401	H98-904-201	Messer 2,5 x 20 mm	<i>knife 2.5 x 20 mm</i>
	H98-904-402	H98-904-202	Messer, fein 1,5 x 17 mm	<i>thin knife 1.5 x 17 mm</i>
	H98-904-419	H98-904-219	Spatel 3 x 24 mm	<i>lancet 3 x 24mm</i>
	H98-904-420	H98-904-220	Spatel	<i>lancet</i>
	H98-904-403	H98-904-203	Messer rautenförmig 2,5 x 25 mm	<i>knife rhombic 2.5 x 25 mm</i>
	H98-904-404	H98-904-204	Messer rautenförmig	<i>knife rhombic</i>
	H98-904-405	H98-904-205	Nadel	<i>needle</i>
	H98-904-406	H98-904-206	Nadel, 45°	<i>needle, 45°</i>
	H98-904-407	H98-904-207	Drahtschlinge Ø 14 mm	<i>wire loop Ø 14 mm</i>
	H98-904-408	H98-904-208	Drahtschlinge Ø 10 mm	<i>wire loop Ø 10 mm</i>
	H98-904-409	H98-904-209	Drahtschlinge Ø 5 mm	<i>wire loop Ø 5 mm</i>

Bestelleinheit:
5 Elektroden
verpackt im
Kunststoffetu

*Order quantity:
5 electrodes
packed in
plastic case*

Zur Verwendung
mit Elektrodenhand-
griffen Seite 8
*To use with electrode
handles page 8*












Ø 4 mm

Zur Verwendung
mit Elektrodenhand-
griffen Seite 8
*To use with electrode
handles page 8*



Ø 2,4 mm

H98-904-410	-	Bandschlinge Ø 16 mm	<i>ribbon loop</i> Ø 16 mm	
H98-904-411	H98-904-211	Bandschlinge Ø 12 mm	<i>ribbon loop</i> Ø 12 mm	
H98-904-412	H98-904-212	Kugel Ø 6 mm	<i>ball</i> Ø 6 mm	
H98-904-413	H98-904-213	Kugel Ø 4 mm	<i>ball</i> Ø 4 mm	
H98-904-414	H98-904-214	Kugel Ø 4 mm	<i>ball</i> Ø 4 mm	
H98-904-415	H98-904-215	Kugel Ø 2 mm	<i>ball</i> Ø 2 mm	
H98-904-416	H98-904-216	Kugel Ø 2 mm	<i>ball</i> Ø 2 mm	
H98-904-417	-	Kugel Ø 1,5 mm	<i>ball</i> Ø 1,5 mm	
H98-904-418	-	Kugel Ø 1,5 mm	<i>ball</i> Ø 1,5 mm	

Bestelleinheit:
5 Elektroden
verpackt im
Kunststoffetu

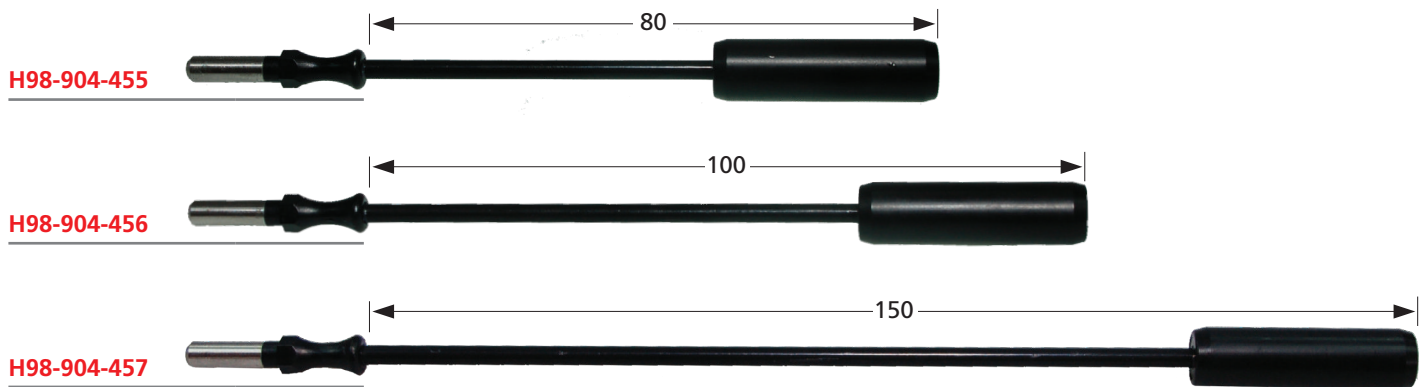
Order quantity:
5 electrodes
packed in
plastic case

**Elektrodenverlängerungen für
Standardelektroden**
*Electrode extensions for
standard electrodes*



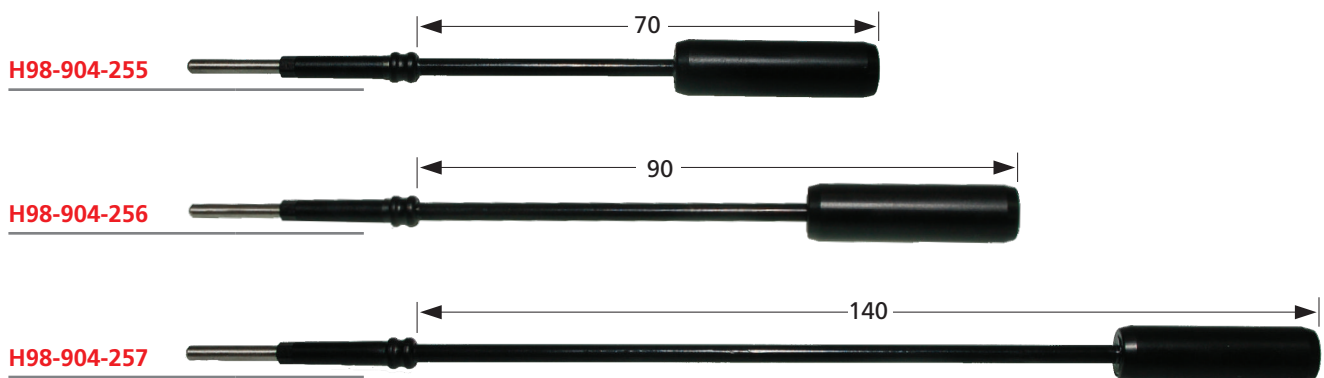
Elektrodenverlängerung
mit Sechskant
Ø 4 mm

*electrode extension
with hexagon coding
Ø 4 mm*



Elektrodenverlängerung
mit Sechskant
Ø 2,4 mm









*electrode extension
with hexagon coding
Ø 2.4 mm*



**Monopolare Elektroden
für Dental- und Kosmetikapplikationen**
*Monopolar electrodes
for dental and cosmetic applications*



für Handgriff H98-902-731
for handle

H98-904-101	Nadel, 0,2 mm	<i>needle, 0.2 mm</i>	
H98-904-105	Drahtschlinge Ø 3 mm	<i>wire loop Ø 3 mm</i>	
H98-904-106	Drahtschlinge Ø 5 mm	<i>wire loop Ø 5 mm</i>	
H98-904-107	Drahtschlinge Ø 8 mm	<i>wire loop Ø 8 mm</i>	
H98-904-115	Koagulations- Nadelelektrode Ø 0,6 mm	<i>needle electrode coagulating Ø 0.6 mm</i>	
H98-904-116	Kugel Ø 1,7 mm	<i>ball Ø 1.7 mm</i>	
H98-904-117	Kugel Ø 3 mm	<i>ball Ø 3 mm</i>	
H98-904-118	Koagulations- und Fulgurationselektrode	<i>coagulating and fulgurating electrode</i>	

Bestelleinheit:
5 Elektroden
verpackt im
Kunststoffetui

*Order quantity:
5 electrodes
packed in
plastic case*

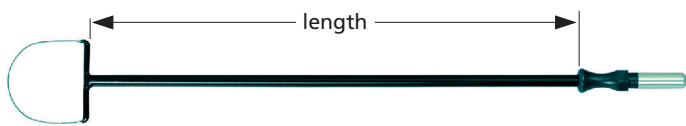
**Monopolare Elektroden mit isoliertem Schaft
- für Körperhöhlen**

**Monopolar electrodes with insulated shaft
-for body cavities**



Ø 4 mm

Ø 2,4 mm



H98-904-430
Length 120 mm

H98-904-230 Schlinge
Length 110 mm Ø 20x20 mm *loop*
Ø 20x20 mm



H98-904-431
Length 120 mm

H98-904-231 Schlinge
Length 110 mm Ø 20 x 15 mm *loop*
Ø 20 x 15 mm



H98-904-432
Length 120 mm

H98-904-232 Schlinge
Length 110 mm Ø 10x10 mm *loop*
Ø 10x10 mm



H98-904-433
Length 100 mm

H98-904-233 Messer
Length 90 mm 2,4x20 mm *knife*
2.4x20 mm



H98-904-434
Length 100 mm

Messer
rautenförmig *knife*
2,2x20 mm *rhombic*
2.2x20 mm



H98-904-435
Length 100 mm

Messer
rautenförmig *knife*
2,2x20 mm *rhombic*
2.2x20 mm



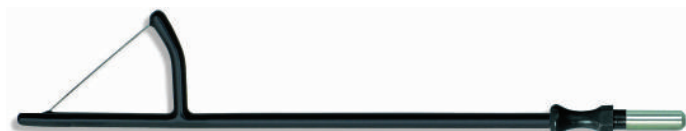
H98-904-445
Length 115 mm

H98-904-245 Drahtschlinge *Wire loop*
Length 105 mm Ø 25 x 10 mm Ø 25 x 10 mm





H98-904-446
Length 115 mm

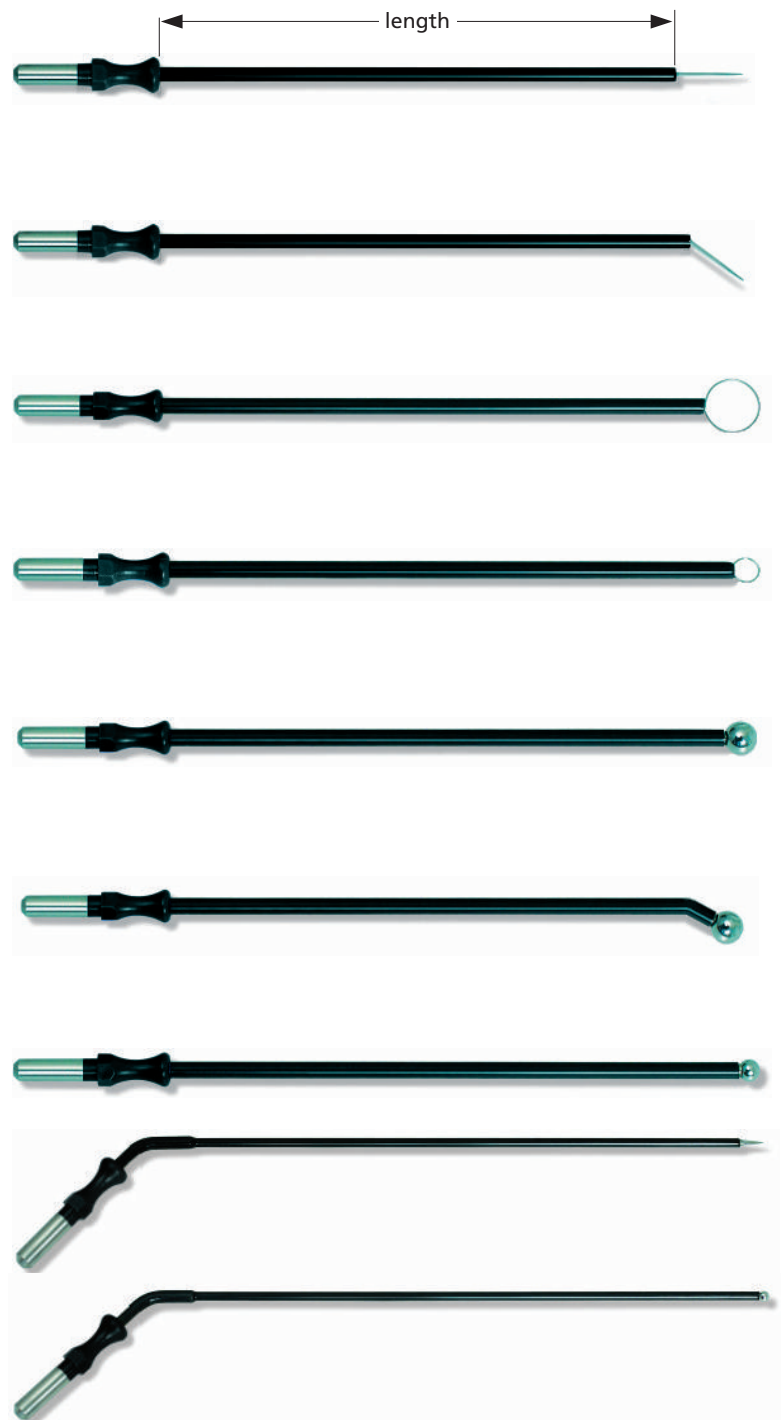
H98-904-246 Drahtschlinge *Wire loop*
Length 105 mm Ø 25 x 15 mm Ø 25 x 15 mm



H98-904-447
Length 115 mm

H98-904-247 Drahtschlinge *Wire loop*
Length 105 mm Ø 25 x 20 mm Ø 25 x 20 mm

 Ø 4 mm	 Ø 2,4 mm		
H98-904-437 Length 100 mm 0,8x12 mm	H98-904-237 Length 90 mm 0,5x12 mm	Nadel	<i>needle</i>
H98-904-438 Length 100 mm	H98-904-238 Length 90 mm	Nadel, abgewinkelt 0,8x12 mm	<i>needle, angled 0.8x12 mm</i>
H98-904-439 Length 100 mm	H98-904-239 Length 90 mm	Drahtschlinge Ø 10 mm	<i>wire loop Ø 10 mm</i>
H98-904-440 Length 100 mm		Drahtschlinge Ø 5 mm	<i>wire loop Ø 5 mm</i>
H98-904-441 Length 100 mm	H98-904-241 Length 90 mm	Kugel Ø 6 mm	<i>ball Ø 6 mm</i>
H98-904-442 Length 100 mm	H98-904-242 Length 90 mm	Kugel abgewinkelt Ø 6 mm	<i>ball angled Ø 6 mm</i>
H98-904-443 Length 100 mm	H98-904-243 Length 90 mm	Kugel Ø 4 mm	<i>ball Ø 4 mm</i>
H98-904-490 Length 100 mm		Nadel Ø 1,2 mm	<i>needle Ø 1.2 mm</i>
H98-904-491 Length 100 mm		Kugel Ø 2 mm	<i>ball Ø 2 mm</i>



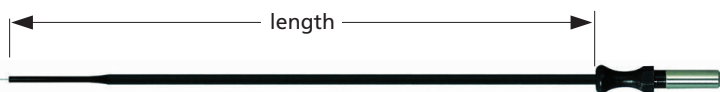
**Monopolare Microdissektions-Nadelelektroden
für Plastische Chirurgie**

**Monopolar microdissection needle electrodes
for Plastic Surgery**



Ø 4 mm

Ø 2,4 mm



H98-904-460
Length 115 mm

H98-904-260
Length 105 mm

biegsam
Wolfram
Ø 0,25 mm

*flexible
tungsten
Ø 0.25 mm*

H98-904-461
Length 115 mm

H98-904-261
Length 105 mm

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm

*angular,
flexible
tungsten
Ø 0.25 mm*

H98-904-462
Length 80 mm

H98-904-262
Length 70 mm

biegsam
Wolfram
Ø 0,25 mm

*flexible
tungsten
Ø 0.25 mm*

H98-904-463
Length 80 mm

H98-904-263
Length 70 mm

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm

*angular,
flexible
tungsten
Ø 0.25 mm*

H98-904-464
Length 45 mm

H98-904-264
Length 35 mm

biegsam
Wolfram
Ø 0,25 mm

*flexible
tungsten
Ø 0.25 mm*

H98-904-465
Length 45 mm

H98-904-265
Length 35 mm

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm

*angular,
flexible
tungsten
Ø 0.25 mm*

H98-904-466
Length 30 mm
Pack/box à 5

H98-904-266
Length 20 mm
Pack/box à 5

biegsam
Wolfram
Ø 0,25 mm

*flexible
tungsten
Ø 0.25 mm*

H98-904-467
Length 30 mm
Pack/box à 5

H98-904-267
Length 20 mm
Pack/box à 5

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm

*angular,
flexible
tungsten
Ø 0.25 mm*



Ø 2,4 mm

H98-904-270
Length 180 mm

biegsam
Wolfram
Ø 0,25 mm

flexible
tungsten
Ø 0.25 mm



H98-904-271
Length 180 mm

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm

angular,
flexible
tungsten
Ø 0.25 mm



H98-904-272
Length 160 mm

biegsam
Wolfram
Ø 0,25 mm

flexible
tungsten
Ø 0.25 mm











H98-904-273
Length 160 mm

abgewinkelt,
biegsam
Wolfram
Ø 0,25 mm






angular,
flexible
tungsten
Ø 0.25 mm



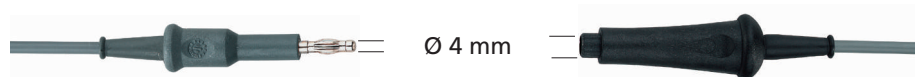
Monopolare Nadelelektroden mit Keramikisolierung
Monopolar needle electrodes with ceramic

	Ø 4 mm	Ø 2,4 mm		
	H98-904-480 Length 115 mm 4 x Ø 0,5 mm	H98-904-280 Length 105 mm 5 x Ø 0,5 mm	Wolfram	<i>tungsten</i>
	H98-904-481 Length 115 mm 4 x Ø 0,5 mm	H98-904-281 Length 105 mm 5 x Ø 0,5 mm	abgewinkelt, Wolfram	<i>angular, tungsten</i>
	H98-904-482 Length 80 mm 4 x Ø 0,5 mm	H98-904-282 Length 70 mm 5 x Ø 0,5 mm	Wolfram	<i>tungsten</i>
	H98-904-483 Length 80 mm 4 x Ø 0,5 mm	H98-904-283 Length 70 mm 5 x Ø 0,5 mm	abgewinkelt, Wolfram	<i>angular, tungsten</i>
	H98-904-484 Length 45 mm 4 x Ø 0,5 mm	H98-904-284 Length 35 mm 5 x Ø 0,5 mm	Wolfram	<i>tungsten</i>
	H98-904-485 Length 45 mm 4 x Ø 0,5 mm	H98-904-285 Length 35 mm 5 x Ø 0,5 mm	abgewinkelt, Wolfram	<i>angular, tungsten</i>
	H98-904-486 Length 20 mm	H98-904-286 Length 20 mm	Wolfram 4 x Ø 0,5 mm	<i>tungsten 4 x Ø 0.5 mm</i>
	H98-904-487 Length 20 mm	H98-904-287 Length 20 mm	abgewinkelt, Wolfram 4 x Ø 0,5 mm	<i>angular, tungsten 4 x Ø 0.5 mm</i>

Monopolare Arthroskopie-Elektroden mit Handgriff
Monopolar Arthroscopy electrodes with handle

H98-904-501	<p>Nadel 90° abgewinkelt, 1,5 mm, Länge 115 mm, Ø 0,6mm</p>	<p><i>Needle angled 90°, 1,5 mm, length 115 mm, Ø 0.6 mm</i></p>	
H98-904-502	<p>Nadel 90° abgewinkelt, 4 mm, Länge 115 mm, Ø 0,6mm</p>	<p><i>Needle angled 90°, 4 mm, length 115 mm, Ø 0.6 mm</i></p>	
H98-904-503	<p>Messer 45° abgewinkelt, 4 mm, Länge 115mm</p>	<p><i>Knife angled 45°, 4 mm, length 115mm</i></p>	
H98-904-505	<p>Tastelektrode 90° abgewinkelt, 4 mm, Länge 115 mm, Ø 1,5 mm</p>	<p><i>Keying electrode angled 90°, 4 mm, length 115 mm, Ø 1.5 mm</i></p>	
H98-904-506	<p>Kugelelektrode, Länge 115 mm, Ø 3 mm</p>	<p><i>Ball electrode, length 115 mm, Ø 3 mm</i></p>	

- H98-903-130** 3 m Anschlußkabel
H98-903-150 5 m Connecting cable








Stecker Geräteseite,
 passend für Hermann-,
 Martin-, Berchtold-Geräte
*Plug, generator side for
 Hermann, Martin,
 Berchtold*

Stecker Instrumentenseite,
 6-kant
*Plug, instrument side,
 hexagon coding*

**Monopolare Arthroskopie-Elektroden
für 4mm oder 2,4mm Handgriffe**
*Monopolar Arthroscopy electrodes
for 4mm or 2,4mm Handles*

	Ø 4 mm	Ø 2,4 mm		
	H98-904-552	H98-904-562	Nadelelektrode 1,5 x Ø 0,6 mm, 90° gebogen	<i>Needle electrode 1.5 x Ø 0.6 mm, 90° angular</i>
	H98-904-553	H98-904-563	Nadelelektrode 4,0 x Ø 0,6 mm, 90° gebogen	<i>Needle electrode 4.0 x Ø 0.6 mm, 90° angular</i>
	H98-904-555	H98-904-565	Tastelektrode 4,0 x Ø 1,5 mm	<i>Button electrode 4.0 x Ø 1.5 mm</i>
	H98-904-556	H98-904-566	Kugelelektrode Ø 3 mm	<i>Ball electrode Ø 3 mm</i>
	H98-904-557	H98-904-567	Hohlkugelelektrode	<i>Hollow ball electrode</i>
	H98-904-551	H98-904-561	Flächenelektrode	<i>Flat electrode</i>
	H98-904-558	H98-904-568	Bürstenelektrode	<i>Brush electrode</i>
				

**Bipolare Arthroskopie-Elektroden
für Knie-, Schulter- und Hüft-Arthroskopie**
*Bipolar Arthroscopy electrodes
for knee, shoulder and hip Arthroscopy*

170 mm	115 mm			
H98-904-520	H98-904-510	Vaporisationselektrode mit Keramikisolation „Vap“	<i>Vaporisation electrode with ceramic insulation „Vap“</i>	
H98-904-521	H98-904-511	Vaporisationselektrode „Phazer“	<i>Vaporisation electrode „Phazer“</i>	
H98-904-522	H98-904-512	Hakenelektrode 1,5 x 0,6 mm	<i>Hook electrode 1.5 x 0.6 mm</i>	
H98-904-523	H98-904-513	Hakenelektrode 4,0 x 0,6 mm	<i>Hook electrode 4.0 x 0.6 mm</i>	
H98-904-524	H98-904-514	Schlingenlektrode „Cobra“	<i>Loop electrode „Cobra“</i>	



Laparoskopie-Elektroden mit Keramikisolierung
Laparoscopic electrodes with ceramic insulated

Zur Verwendung
mit Elektroden-
handgriff Seite 8
*To use with
electrode
handles page 8*

ohne Absaugung,
vollisoliert, 4 mm
Stecker männlich mit
Kabel H98-903-030
oder H98-903-050

*without suction,
fully insulated,
4 mm male plug to
use with cable
H98-903-030 or
H98-903-050*

mit Absaugung,
vollisoliert, 4 mm
Stecker männlich mit
Kabel H98-903-030
oder H98-903-050

*with suction,
fully insulated,
4 mm male plug to
use with cable
H98-903-030 or
H98-903-050*



H70-533-150

H70-533-100

-

Knopfelektrode *Button electrode*



H70-533-151

H70-533-101

H70-533-141

Rundhaken-
elektrode *Dissection
hook electrode*



H70-533-152

H70-533-102

H70-533-142

Hakenelektrode
90° *Dissection hook
electrode,
right angled*



H70-533-153

H70-533-103

H70-533-143

Spatelektrode *Dissection
spatula electrode*





Bipolare Pinzetten
Bipolar forceps

Zur Verwendung
mit Kabel
H98-903-330 oder
H98-903-350

*To use with cable
H98-903-330 or
H98-903-350*

	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-905-000	0,3 mm	110 mm
H98-905-001	0,5 mm	110 mm
H98-905-499	0,3 mm	110 mm
H98-905-500	0,5 mm	110 mm



	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-905-011	0,3 mm	240 mm
H98-905-012	1 mm	240 mm
H98-905-013	2 mm	240 mm
H98-905-003	1 mm	220 mm
H98-905-002	2 mm	220 mm
H98-905-505	2 mm	220 mm
H98-905-005	1 mm	195 mm
H98-905-004	2 mm	195 mm
H98-905-503	1 mm	195 mm
H98-905-504	2 mm	195 mm
H98-905-009	0,3 mm	160 mm
H98-905-008	1 mm	160 mm
H98-905-007	2 mm	160 mm
H98-905-509	0,5 mm	160 mm
H98-905-501	1 mm	160 mm
H98-905-502	2 mm	160 mm

	Karo Riefelung Ø Spitze <i>tip</i>	Checker profile Länge <i>length</i>
H98-905-006	2 mm	195 mm

Spitze Vollsilber *Tip solid silver*



Bipolare Pinzetten
Biopolar forceps

Zur Verwendung
mit Kabel
H98-903-330 oder
H98-903-350

To use with cable
H98-903-330 or
H98-903-350

	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-906-002	0,3 mm	110 mm
H98-906-001	0,5 mm	110 mm



	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-906-010	0,3 mm	240 mm
H98-906-011	1 mm	240 mm
H98-906-012	2 mm	240 mm
H98-906-003	1 mm	220 mm
H98-906-005	1 mm	195 mm
H98-906-004	2 mm	195 mm
H98-906-501	1 mm	195 mm
H98-906-502	2 mm	195 mm
H98-906-009	0,3 mm	160 mm
H98-906-008	0,5 mm	160 mm
H98-906-007	1 mm	160 mm
H98-906-500	1 mm	160 mm
	Karo Riefelung Ø Spitze <i>tip</i>	<i>Checker profile Länge length</i>
H98-906-006	2 mm	195 mm

Spitze Vollsilber *Tip solid silver*



	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-907-010	0,3 mm	240 mm
H98-907-011	1 mm	240 mm
H98-907-012	2 mm	240 mm
H98-907-002	0,3 mm	220 mm
H98-907-001	0,5 mm	220 mm
H98-907-005	0,3 mm	195 mm
H98-907-004	1 mm	195 mm
H98-907-003	2 mm	195 mm
H98-907-009	0,3 mm	165 mm
H98-907-008	0,5 mm	165 mm
H98-907-007	1 mm	165 mm
H98-907-520	0,5 mm	240 mm
H98-907-511	1,0 mm	240 mm
H98-907-512	2,0 mm	240 mm
H98-907-518	0,5 mm	195 mm
H98-907-504	1,0 mm	195 mm
H98-907-503	2,0 mm	195 mm
	Karo Riefelung Ø Spitze <i>tip</i>	<i>Checker profile Länge length</i>
H98-907-006	2 mm	195 mm

Bipolare Pinzetten
Biopolar forceps

	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-909-011	0,3 mm	240 mm
H98-909-012	1 mm	240 mm
H98-909-013	2 mm	240 mm
H98-909-008	0,3 mm	220 mm
H98-909-009	1 mm	220 mm
H98-909-010	2 mm	220 mm
H98-909-005	0,3 mm	200 mm
H98-909-006	1 mm	200 mm
H98-909-007	2 mm	200 mm
H98-909-001	1 mm	195 mm
H98-909-002	0,3 mm	180 mm
H98-909-003	1 mm	180 mm
H98-909-004	2 mm	180 mm

	Ø Spitze <i>tip</i>	Länge <i>length</i>
H98-908-012	0,3 mm	240 mm
H98-908-013	1 mm	240 mm
H98-908-014	2 mm	240 mm
H98-908-009	0,3 mm	220 mm
H98-908-010	1 mm	220 mm
H98-908-011	2 mm	220 mm
H98-908-006	0,3 mm	200 mm
H98-908-007	1 mm	200 mm
H98-908-008	2 mm	200 mm
H98-908-002	1 mm	195 mm
H98-908-003	0,3 mm	180 mm
H98-908-004	1 mm	180 mm
H98-908-005	2 mm	180 mm



Zur Verwendung
mit Kabel
H98-903-330 oder
H98-903-350

*To use with cable
H98-903-330 or
H98-903-350*



Monopolare Pinzetten *Monopolar forceps*

quer gerieft
*cross-striped
profile*



	Länge <i>length</i>
H98-911-005	250 mm
H98-911-003	210 mm
H98-911-001	185 mm

Zur Verwendung mit Kabel
H98-903-030 und H98-903-050

*To use with cable
H98-903-030 and H98-903-050*

**Elektroden und Zubehör
für Argongas-Gerät**
*Electrodes and accessories
for Argon gas unit*



H98-904-601 75 mm
H98-904-602 150 mm
H98-904-603 350 mm

Monopolare
starre Argon-Koagulationselektroden,
Schaftdurchmesser 4 mm

*Monopolar
rigid Argon coagulation electrodes,
shaft diameter 4 mm*



H98-902-801

Argon Chirurgiehandgriff für starre Elektroden,
3,5 m Kabel, HF-Anschluß 3-pin und Luer Lock-
Anschluss für Argon Gas

*Electrode handle for Argon-enhanced
electrosurgery, for rigid electrodes,
3.5 m cable with 3-pin HF-connection
and Luer Lock connection for Argon gas*



H98-904-610 180 mm
H98-904-611 100 mm

Monopolare starre Argon-Schneidelektrode,
Nadel 14 mm,
Schaftdurchmesser 4 mm

*Monopolar rigid Argon cutting electrode,
needle 14 mm,
shaft diameter 4 mm*

**Elektroden und Zubehör
für Argongas-Gerät**
*Electrodes and accessories
for Argon gas unit*



H98-904-612 180 mm	Monopolare starre Argon-Schneidelektroden, Messer 14 mm, Schaftdurchmesser 4 mm	<i>Monopolar rigid Argon cutting electrodes, knife 14 mm, shaft diameter 4 mm</i>
H98-904-613 100 mm		

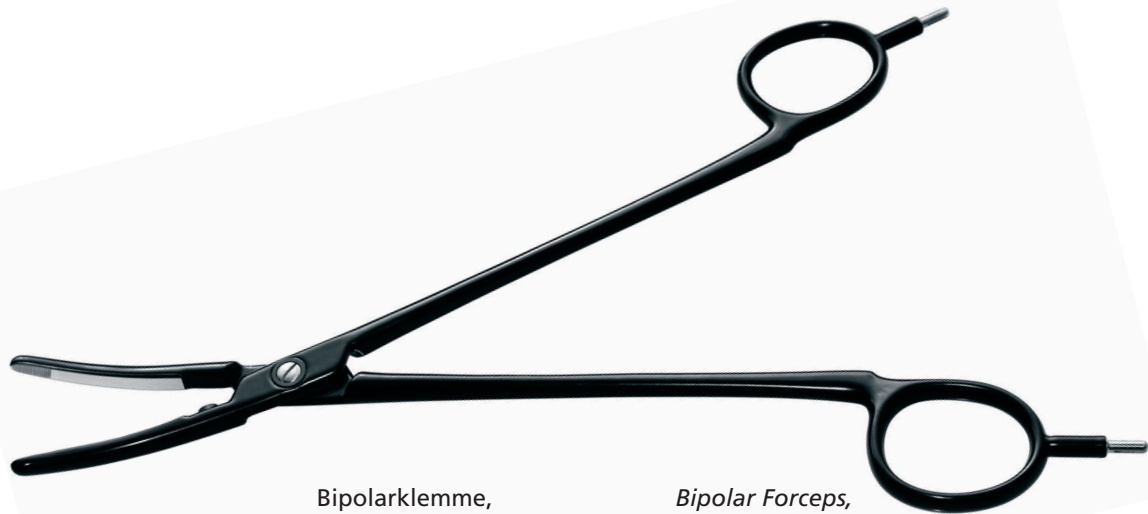


H98-904-620	Monopolare flexible Argonsonde für TBS, 1,5 m, Aussendurchmesser 1,5 mm	<i>Monopolar flexible Argon probe for TBS, 1.5 m, outer diameter 1.5 mm</i>
H98-904-622	für GIT, 2,2 m, Aussendurchmesser 2,3 mm	<i>for GIT, 2.2 m, outer diameter 2.3 mm</i>
H98-904-623	für GIT, 2,2 m, Aussendurchmesser 3,2 mm	<i>for GIT, 2.2 m, outer diameter 3.2 mm</i>
H98-904-621	für TBS, 1 m, Aussendurchmesser 2,3 mm	<i>for TBS, 1 m, outer diameter 2.3 mm</i>



H98-903-425	Anschlusskabel für flexible Argonsonden, 2,5 m, HF-Anschluß 3-pin und Luer Lock- Anschluss für Argon Gas	<i>Connecting cable for flexible Argon probes, 2.5 m, 3-pin HF-connection and Luer Lock connection for Argon gas</i>
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**Instrumente und Zubehör
für HF-Generator mit Argon Gas
und Thermo Stapler Funktion**
*Instruments and accessories
for HF-Generator with Argon Gas
and Thermo Stapler function*



H98-916-123

Bipolarklemme,
23cm, gebogen

*Bipolar Forceps,
23cm, curved*



H98-903-550

Anschlusskabel
für Bipolarklemme
5 m

*Connecting cable
for Bipolar Forceps
5 m*

**Weitere Instrumente
zur Verwendung mit Thermo Stapler auf Anfrage**

*Further instruments
to use with Thermo Stapler on request*

HF-Generators

Easy to use

The main functions of the diathermy unit are divided into different groups to avert any confusion of the user. The most popular settings can be saved with the build in memory function. Easy power adjusting by push buttons.

Four cutting modes

The device can be equipped with four different cutting modes. Pure cut, two different coagulation cutting types and an additional cutting mode for the use under water (TUR).

Four coagulation modes

Soft coagulation and forced coagulation as well as spray and universal coagulation.

Polypectomy and Papillotomy

The system can be equipped with alternating cut and coagulation functions for operations like polypectomy and papillotomy. The polypectomy and papillotomy programm is already integrated into the models HHF 350, HHF 350 A, HHF 350A ThermoStapler and HHF 400.

Two monopolar outputs

The HHF 350 A and HHF 400 system is equipped with an additional monopolar output with independent setting possibility.

Argon gas coagulation

The use of Argon gas (an inert, non-reactive gas) offers the surgeon the following benefits:

Improved visibility due to less smoke formation.

Contact free coagulation.

Efficient coagulation at lower power.

Safety

A specially designed microprocessor is used for monitoring the cutting modus 200 times every second. A built in overload-function is controlling the activation time and protects the system against overheating and other damages.

Every time the unit is switched on, it is running through a self test.



HHF 120	H98-120-000
POWER SUPPLY	
Supply voltage	230 V, 50 Hz
Rated power input	200 W
SAFETY FEATURES	
Protection against electric shock:	
Class	I
Grade	CF
Low-frequency leakage currents	according to IEC 601-1-1
High-frequency leakage currents	according to IEC 601-2-2
Generator operation frequency	416 kHz
Defibrillation impulse resistance	according to EN 60601-1
NEM System	neutral electrode control
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display
OVERLOAD	generator overload protection

MONOPOLAR CUTTING

Pure cutting	120 W
Forced coagulation	80 W

MONOPOLAR COAGULATION

Soft coagulation	80 W
Forced coagulation	80 W

ADDITIONAL FUNCTIONS

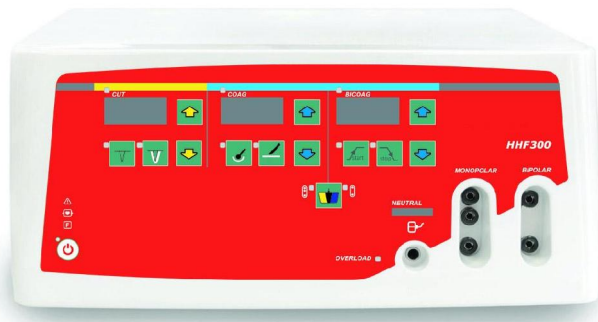
Bipolar coagulation	80 W
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WEIGHT AND DIMENSIONS

Length	350 mm
Width	240 mm
Height	100 mm
Weight	3 kg

Delivery contains: HF-Generator
Mains cable
User manual

HF-Generator



HHF 300	H98-300-000	OVERLOAD	generator overload protection
POWER SUPPLY		MONOPOLAR CUTTING	
Supply voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz	Pure cutting	250 W for 300 Ω
Rated power input	350 W	Forced coagulation	250 W for 300 Ω
SAFETY FEATURES		MONOPOLAR COAGULATION	
Protection against electric shock:		Soft coagulation	150 W for 50 Ω
Class	I	Forced coagulation	150 W for 300 Ω
Grade	CF	BIPOLAR COAGULATION	
Low-frequency leakage currents	according to EN 60601-1	Bipolar coagulation	100 W for 50 Ω
High-frequency leakage currents	according to EN 60601-2-2	Auto-Start / Auto-Stop	automatic start and stop of bipolar coagulation
Generator operation frequency	357 kHz	OTHER FEATURES	
Defibrillation impulse resistance	according to EN 60601-1	PowerStart System	simplify the beginning of cutting process
NEM System	neutral electrode control	SURGILOGIC System	automatic power regulation depends on needs
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display	WEIGHT AND DIMENSIONS	
		Length	380 mm
		Width	360 mm
		Height	165 mm
		Weight	6,5 kg

Delivery contains: HF-Generator
Mains cable
User manual

HF-Generator



HHF 350	H98-350-000
POWER SUPPLY	
Supply voltage	230 V, 50 Hz
Rated power input	500 W
SAFETY FEATURES	
Protection against electric shock:	
Class	I
Grade	CF
Low-frequency leakage currents	according to IEC 601-1-1
High-frequency leakage currents	according to IEC 601-2-2
Generator operation frequency	357 kHz
Defibrillation impulse resistance	according to EN 60601-1
NEM System	neutral electrode application control
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display
OVERLOAD	generator overload protection
MONOPOLAR CUTTING	
Pure cutting	350 W
Blend cutting I	180 W
Blend cutting II	150 W
Blend cutting III	150 W
Cutting with desiccation	150 W
Cutting in water environment	350 W

MONOPOLAR

COAGULATION

Soft coagulation	180 W
Forced coagulation	180 W
Spray coagulation	80 W
Universal coagulation	80 W

BIPOLAR COAGULATION

Bipolar coagulation	120 W
Auto-Start / Auto-Stop	automatic start and stop of bipolar coagulation

BIPOLAR CUTTING

Bipolar cutting (4 different levels of haemostasis)	100 W
Bipolar cutting in water environment	350 W

OTHER FEATURES

PowerStart System	simplify the beginning of cutting process
SURGILOGIC System	automatic power regulation depends on needs
PP program	alternating cut&coag – endoscopic program
Program memory	9 different memory locations
MultiSwitch	remote program selection with using MultiSwitch footswitch

WEIGHT AND DIMENSIONS

Length	420 mm
Width	380 mm
Height	160 mm
Weight	9 kg

Delivery contains: HF-Generator
Mains cable
User manual

HF-Generator



HHF 400	H98-350-002
POWER SUPPLY	
Supply voltage	230 V, 50 Hz
Rated power input	500 W
SAFETY FEATURES	
Protection against electric shock:	
Class	I
Grade	CF
Low-frequency leakage currents	according to IEC 601-1-1
High-frequency leakage currents	according to IEC 601-2-2
Generator operation frequency	357 kHz
Defibrillation impulse resistance	according to EN 60601-1
NEM System	neutral electrode application control
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display
OVERLOAD	generator overload protection

MONOPOLAR CUTTING

Pure cutting	350 W
Blend cutting I	180 W
Blend cutting II	150 W
Blend cutting III	150 W
Cutting with desiccation	150 W
Cutting in water environment	350 W

MONOPOLAR COAGULATION

Soft coagulation	180 W
Forced coagulation	180 W
Spray coagulation	80 W
Universal coagulation	80 W

BIPOLAR COAGULATION

Bipolar coagulation	120 W
Auto-Start / Auto-Stop	automatic start and stop of bipolar coagulation

BIPOLAR CUTTING

Bipolar cutting (4 different levels of haemostasis)	100 W
Bipolar cutting in water environment	350 W

OTHER FEATURES

PowerStart System	simplify the beginning of cutting process
SURGILOGIC System	automatic power regulation depends on needs
PP program	alternating cut&coag – endoscopic program
Program memory	9 different memory locations
MultiSwitch	remote program selection with MultiSwitch footswitch

ADDITIONAL MONOPOLAR OUTPUT

equipped with 2 monopolar outputs

WEIGHT AND DIMENSIONS

Length	420 mm
Width	380 mm
Height	160 mm
Weight	9 kg

Delivery contains: HF-Generator
Mains cable
User manual

HF-Generator with Argon gas



HHF 350 A	H98-350-001
POWER SUPPLY	
Supply voltage	230 V, 50 Hz
Rated power input	500 W
SAFETY FEATURES	
Protection against electric shock:	
Class	I
Grade	CF
Low-frequency leakage currents	according to IEC 601-1-1
High-frequency leakage currents	according to IEC 601-2-2
Generator operation frequency	357 kHz
Defibrillation impulse resistance	according to EN 60601-1
NEM System	neutral electrode application control
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display
OVERLOAD	generator overload protection
MONOPOLAR CUTTING	
Pure cutting	350 W
Blend cutting I	180 W
Blend cutting II	150 W
Blend cutting III	150 W
Cutting with desiccation	150 W
Cutting in water environment	350 W
Argon cutting	350 W

MONOPOLAR COAGULATION	
Soft coagulation	180 W
Forced coagulation	180 W
Spray coagulation	80 W
Universal coagulation	80 W
Argon coagulation	80 W
Argon pulse coagulation	80 W

BIPOLAR COAGULATION	
Bipolar coagulation	120 W
Auto-Start / Auto-Stop	automatic start and stop of bipolar coagulation

BIPOLAR CUTTING	
Bipolar cutting (4 different levels of haemostasis)	100 W
Bipolar cutting in water environment	350 W

ARGON	
Gas type	pure argon 5.0 (99,999%)
Inlet gas pressure	0.25 – 0.4 MPa
Gas outflow	0.1 – 9.9 l/min, regulated 0.1 l/min in whole operation range
Pressure gauge	reducer (0.4MPa) on argon cylinder

OTHER FEATURES	
PowerStart System	simplify the beginning of cutting process
SURGILOGIC System	automatic power regulation depends on needs
PP program	alternating cut&coag – endoscopic program
Program memory	9 different memory locations
Outputs	2 monopolar, 1 bipolar
MultiSwitch	remote program selection with using MultiSwitch footswitch

WEIGHT AND DIMENSIONS	
Length	420 mm
Width	380 mm
Height	160 mm
Weight	9 kg

Delivery contains: HF-Generator
Mains cable
User manual

HF-Generator with Argon gas and ThermoStapler



HHF 350 ARGON ThermoStapler	H98-350-003
POWER SUPPLY	
Supply voltage	230 V, 50 Hz
Rated power input	500 W
SAFETY FEATURES	
Protection against electric shock:	
Class	I
Grade	CF
Low-frequency leakage currents	according to IEC 601-1-1
High-frequency leakage currents	according to IEC 601-2-2
Generator operation frequency	357 kHz
Defibrillation impulse resistance	according to EN 60601-1
NEM System	neutral electrode application control
AUTOTEST	self-test of generator and accessories after switching the power on, service codes display
OVERLOAD	generator overload protection

MONOPOLAR CUTTING	
Pure cutting	350 W
Blend cutting I	180 W
Blend cutting II	150 W
Blend cutting III	150 W
Cutting with desiccation	150 W
Cutting in water environment	350 W
Argon cutting	350 W

MONOPOLAR COAGULATION	
Soft coagulation	180 W
Forced coagulation	180 W
Spray coagulation	80 W
Universal coagulation	80 W
Argon coagulation	80 W
Argon pulse coagulation	80 W
BIPOLAR COAGULATION	
Bipolar coagulation	120 W
Auto-Start / Auto-Stop	automatic start and stop of bipolar coagulation

BIPOLAR CUTTING	
Bipolar cutting (4 different levels of haemostasis)	100 W
Bipolar cutting in water environment	350 W

THERMOSTAPLER	
Vessel sealing	250 W
Auto-Stop	automatic stop of sealing process after achieving the optimal effect

ARGON	
Gas type	pure argon 5.0 (99,999%)
Inlet gas pressure	0.25 – 0.4 MPa
Gas outflow	0.1 – 9.9 l/min, regulated 0.1 l/min in whole operation range
Pressure gauge	reducer (0.4MPa) on argon cylinder

OTHER FEATURES	
PowerStart System	simplify the beginning of cutting process
SURGILOGIC System	automatic power regulation depends on needs
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WEIGHT AND DIMENSIONS	
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**Fußschalter
für Hermann Generatoren**
*Foot switches
for Hermann generators*



H98-912-010

Fußschalter MINI,
6-Pin Stecker
für H98-120-000 Generator

*Single foot switch MINI,
6-pin plug
for H98-120-000 generator*



H98-912-021

Doppel-Fußschalter,
6-Pin Stecker,
OP geprüft für
H98-120-000
H98-300-000
H98-350-000
H98-350-001
H98-350-002
H98-350-003 Generatoren

*Double foot switch,
6-pin plug,
OR proofed for
H98-120-000
H98-300-000
H98-350-000
H98-350-001
H98-350-002
H98-350-003 generators*



H98-912-030

Großer Doppel-Fußschalter,
„MultiSwitch“
mit Umschaltknopf,
6-Pin Stecker,
OP geprüft für
H98-300-000
H98-350-000
H98-350-001
H98-350-002
H98-350-003 Generatoren

*Big double foot switch,
„MultiSwitch“
three button foot switch,
6-pin plug,
OR proofed for
H98-300-000
H98-350-000
H98-350-001
H98-350-002
H98-350-003 generators*



H98-912-001 Argon Regulator *Argon Regulator*

H98-912-002 Sterilfilter-Set, 50 Stück *Sterilfilter set, packing unit 50 pcs.*



H98-913-001 Gerätewagen für Hermann Generatoren *Trolley for Hermann generators*

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