



smartOne

The new single-use HF accessory line
Safe and easy!



“With the smartOne solutions we simplify our supply chain. SmartOne is the safe and easy possibility for the OR. With smartOne it is possible to ensure a continuous availability of sterile and safe products.”



smartOne

Safe and easy

The smarter solution for the OR

With smartOne we extend our smartLine product portfolio!

Our smartLine range includes maXium® smart C, maXium® smart Beam, maXium® smart Vac and maXium® smart Cart.

With our ideal complementary line smartOne we expand our product portfolio with premium quality single-use accessories.

The advantages are:

- Easy handling and high safety in the OR
- Special coating prevents tissue adhesion
- Cost-effective
- Individual sterile packaging **STERILE | EO**
- No need for cleaning and sterilization
- Premium ergonomic design

smartOne Vac

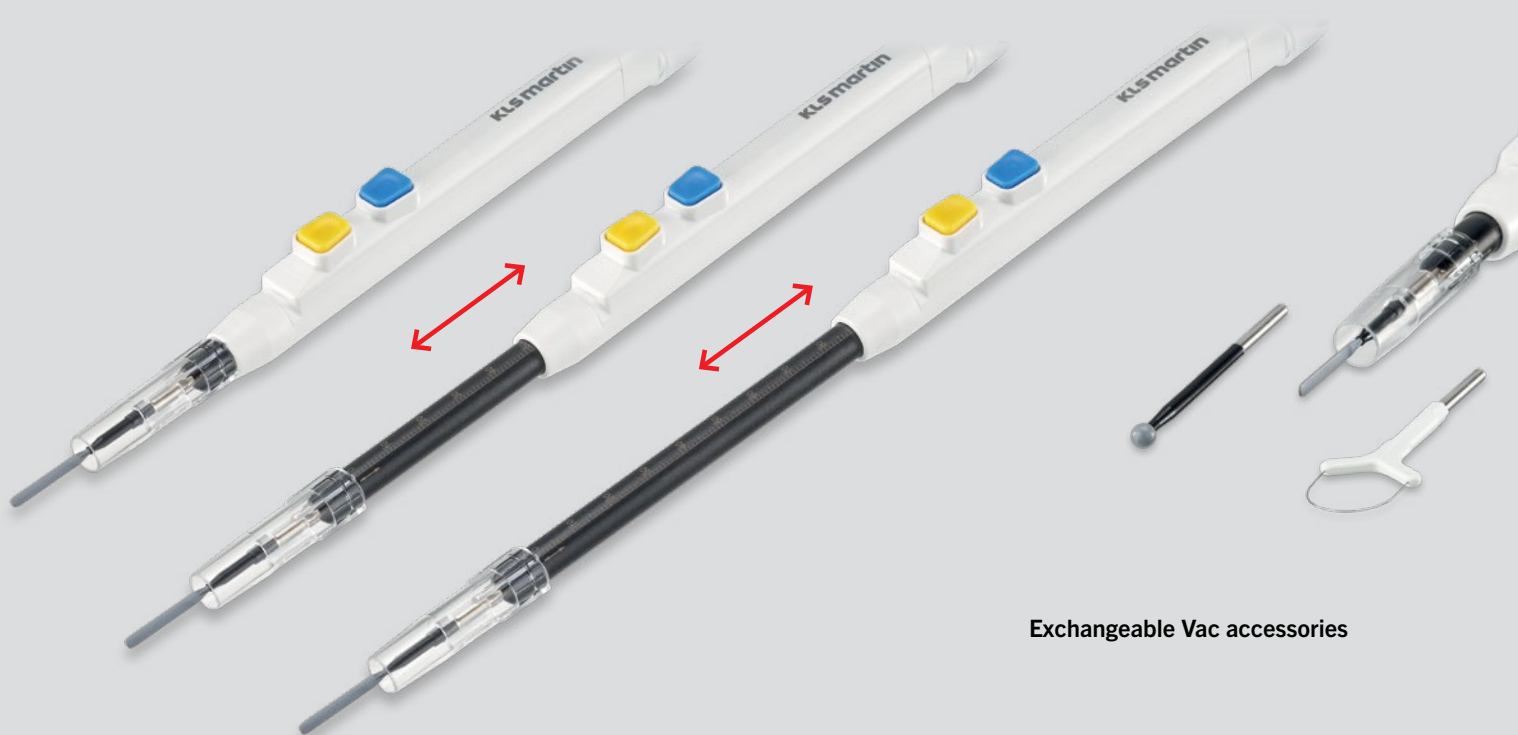
- Integrated smoke evacuation handles capture effectively dangerous smoke directly from the operating field
- High flexibility due to telescopic function
- Special Vac handle with slim ergonomic design
- Unique Vac electrodes for various indications
- Clean air and a clear view

Surgical smoke in the OR contains risks for the OR staff and the patient. Risks are:

- Electrosurgery smoke particle size $0.1 \mu\text{m}^1$
- Health risks for the OR staff and the patient (e.g. nausea or muscle weakness)²



The following associations recommend to use a smoke evacuation system in combination with electrosurgery: AORN, EORNA, OSHA, NIOSH.

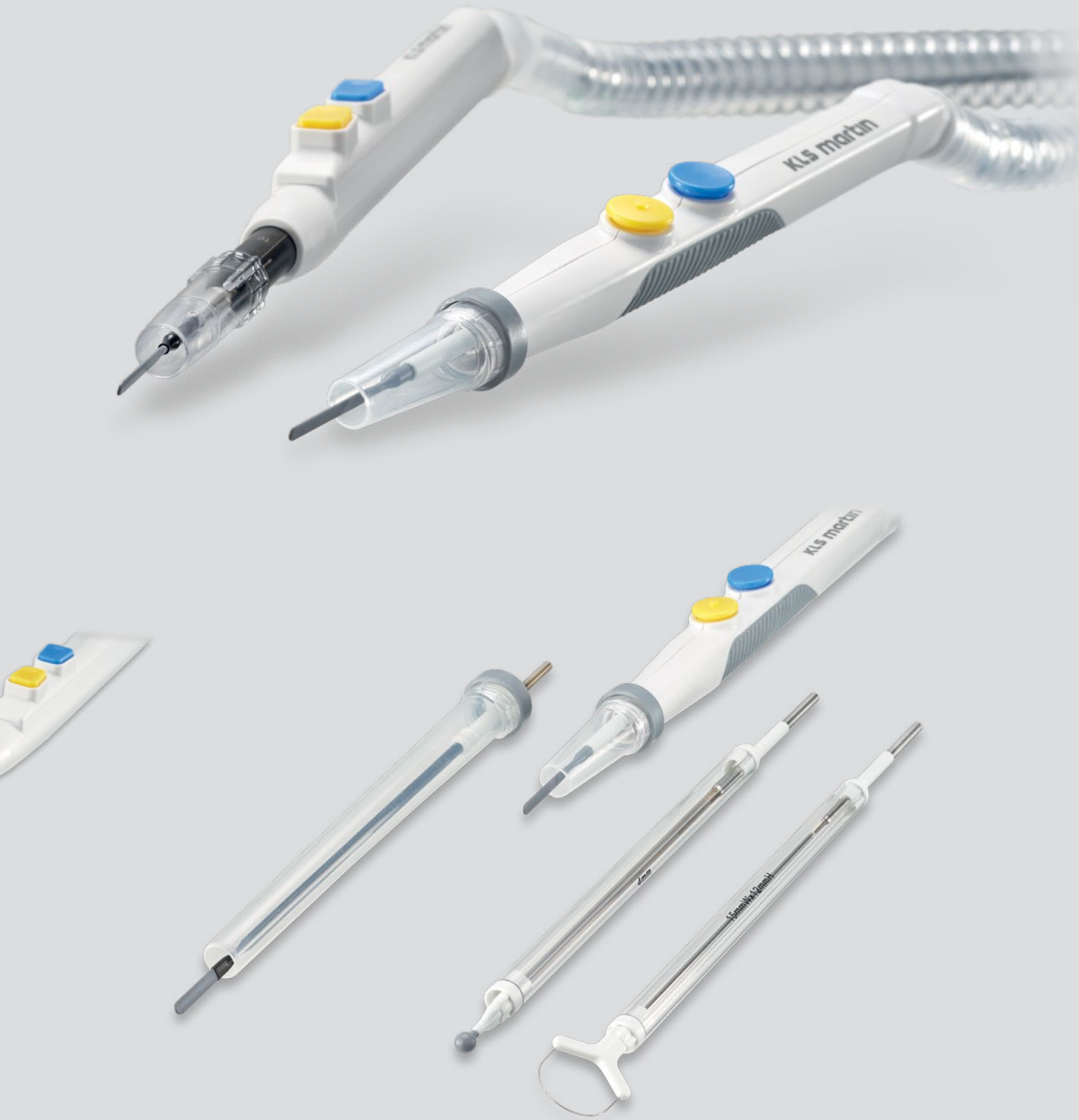


Exchangeable Vac accessories

Continuously expandable

¹⁾ ISSA – U. Eickmann – chirurgische Rauchgase: Gefährdung und Schutzmaßnahmen

²⁾ JDDD – S. Karsej; G. Däschlein – Smoking guns: Hazards generated by laser and electrocautery smoke



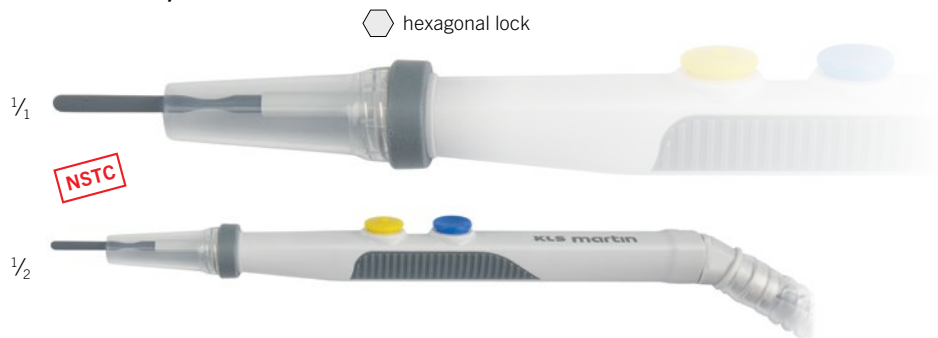
Unique Vac accessories for various indications

Single-use electrode handle with smoke evacuation and accessories

STERILE EO

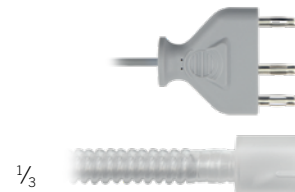
max. 4500 Vp

NSTC NSTC = nonStick teflon-coated
 10 20 SU = Unit/pack



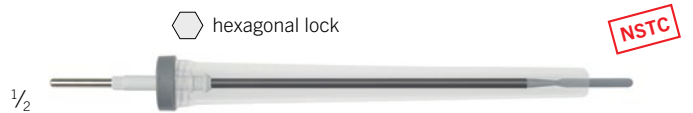
80-701-00-04 20
 smartOne smoke evacuation handle, nonStick teflon-coated blade, 3-pin plug, tube length 3 m, cable length 4.5 m
 Pencil holster included

80-701-32-04 20
 smartOne smoke evacuation handle, nonStick teflon-coated blade, 3-pin plug, tube length 3 m, cable length 3 m
 Pencil holster included



Vac accessories for 80-701-00-04/80-701-32-04

max. 3000 Vp



80-701-01-04 10
 smartOne smoke evacuation blade electrode nonStick teflon-coated



80-701-02-04 10
 smartOne smoke evacuation ball electrode nonStick teflon-coated Ø 4 mm



80-701-03-04 10
 smartOne smoke evacuation loop electrode 15 x12 mm
 (a x b)

Single-use electrode handle with smoke evacuation and accessories

NSTC NSTC = nonStick teflon-coated

STERILE EO

max. 4500 Vp

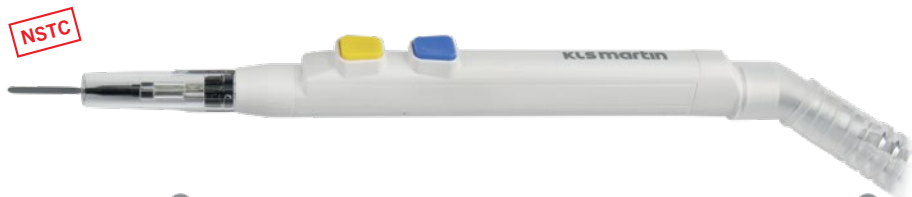
10 20 SU = Unit/pack

hexagonal lock

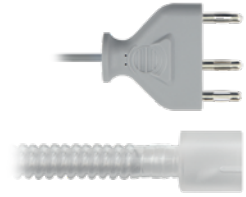
1/1



1/2



1/3



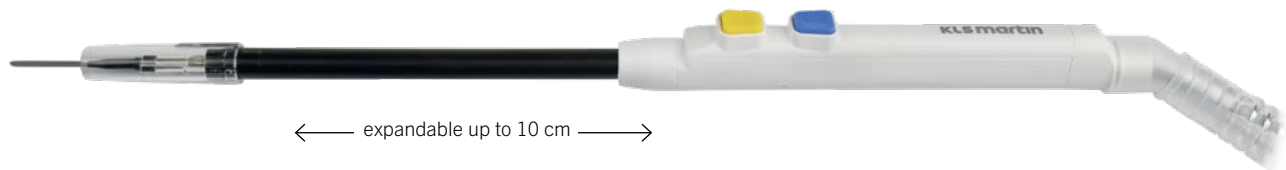
80-701-20-04 20

smartOne telescope smoke evacuation handle, nonStick teflon-coated blade
3-pin plug, tube length 3 m, cable length 4.5 m
Pencil holster included

80-701-33-04 20

smartOne telescope smoke evacuation handle, nonStick teflon-coated blade
3-pin plug, tube length 3 m, cable length 3 m
Pencil holster included

1/2



← expandable up to 10 cm →

Vac accessories for 80-701-20-04/80-701-33-04

max. 3000 Vp

1/1



80-700-13-04 = 10 x 10 mm (a x b) 10

80-700-14-04 = 15 x 12 mm (a x b) 10

smartOne loop electrode

1/1



80-701-21-04 10

smartOne ball electrode nonStick teflon-coated, Ø 4 mm

Connection to Vac handle

Connection to main filter



1/3

80-701-30-04 20

smartOne HEPA filter with liquid trap
Not sterile



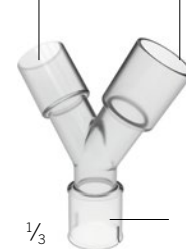
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79-225-11-04 20

Prefilter (HEPA standard), Ø 22 mm

Connection to Vac handle

Connection to main filter



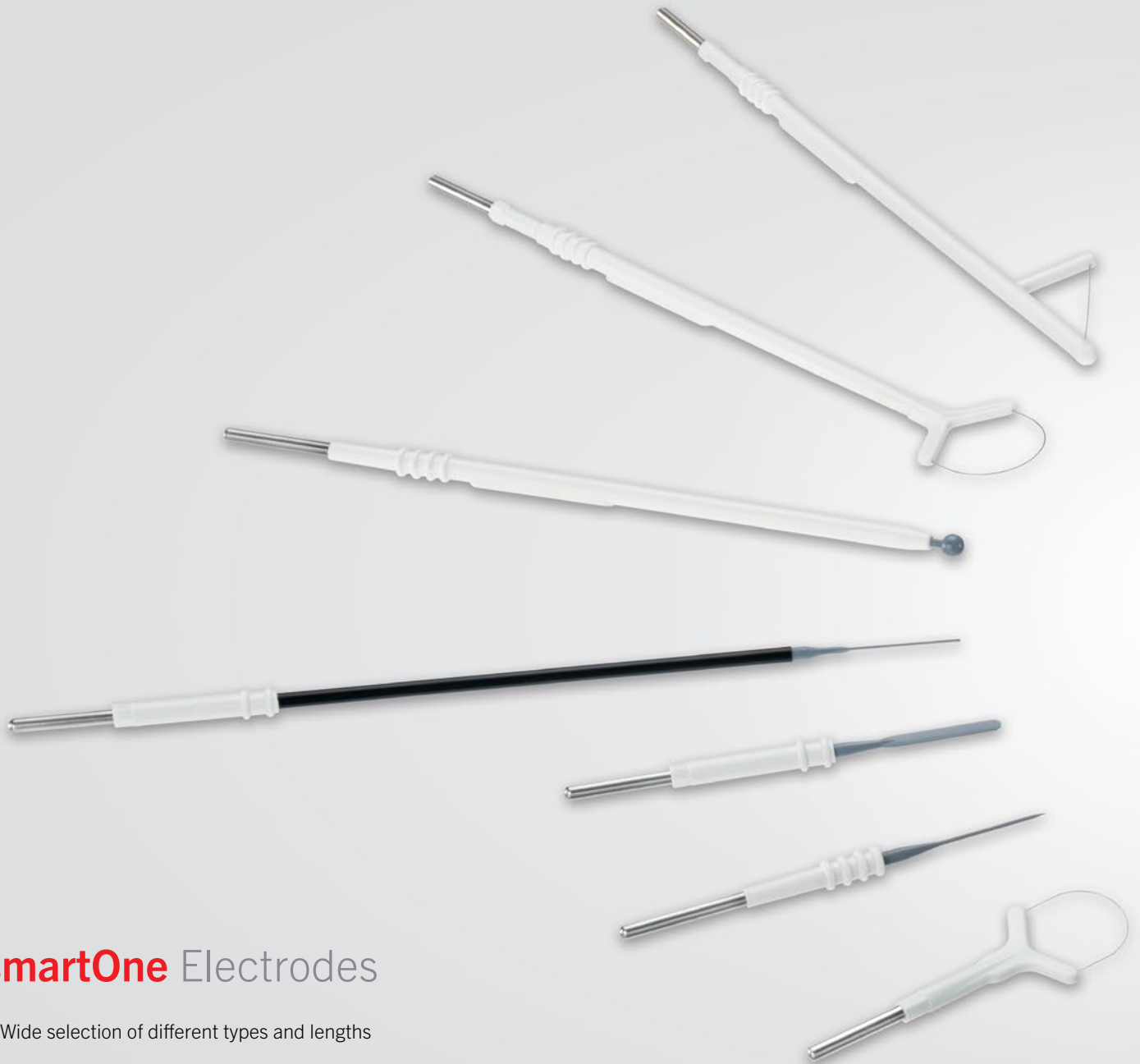
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80-701-31-04 20

Y-adapter
Not sterile

smartOne

The smarter solution for the OR



smartOne Electrodes

- Wide selection of different types and lengths
- Hexagonal lock for highest safety standards
- Easy exchangeable through molded rings
- Special coated electrodes



smartOne Handles

- Hand activation with push-button or rocker switch
- Ergonomic slim shaped design
- Versatile use through 3-pin connection
- Special coated electrodes
- Hexagonal locking

smartOne handles

STERILE | EO

max. 4500 Vp Ø 2.4 mm   hexagonal lock

NSTC

NSTC = nonStick teflon-coated

25 SU = Unit/pack



80-701-35-04 25
smartOne electrode handle, with blade,
3-pin plug, cable length 4.5 m

80-701-39-04 25
smartOne electrode handle, with blade,
3-pin plug, cable length 3 m



NSTC



80-701-36-04 25
smartOne electrode handle, nonStick teflon-coated blade,
3-pin plug, cable length 4.5 m

80-701-40-04 25
smartOne electrode handle, nonStick teflon-coated blade,
3-pin plug, cable length 3 m



80-701-37-04 25
smartOne electrode handle rocker switch, with blade,
3-pin plug, cable length 4.5 m

80-701-41-04 25
smartOne electrode handle rocker switch, with blade,
3-pin plug, cable length 3 m



NSTC



80-701-38-04 25
smartOne electrode handle rocker switch, nonStick teflon-coated blade,
3-pin plug, cable length 4.5 m

80-701-42-04 25
smartOne electrode handle rocker switch, nonStick teflon-coated blade,
3-pin plug, cable length 3 m



Active electrodes

Only compatible with smartOne handles


NSTC

NSTC = nonStick teflon-coated

STERILE EO

10 SU = Unit/pack

max. 3000 Vp

∅ 2.4 mm 

 hexagonal lock



80-700-01-04 10
smartOne blade electrode



80-700-05-04 10
smartOne needle electrode, external isolation



80-700-02-04 10
smartOne blade electrode nonStick teflon-coated



80-700-06-04 10
smartOne needle electrode nonStick teflon-coated, external isolation



80-700-30-04 10
smartOne blade electrode nonStick teflon-coated, external isolation



80-700-07-04 = ∅ 3 mm 10
80-700-08-04 = ∅ 4 mm 10
80-700-09-04 = ∅ 5 mm 10
smartOne ball electrode



80-700-03-04 10
smartOne needle electrode



80-700-10-04 = ∅ 3 mm 10
80-700-11-04 = ∅ 4 mm 10
80-700-12-04 = ∅ 5 mm 10
smartOne ball electrode nonStick teflon-coated



80-700-04-04 10
smartOne needle electrode nonStick teflon-coated



80-700-13-04 = 10 x 10 mm (a x b) 10
80-700-14-04 = 15 x 12 mm (a x b) 10
smartOne loop electrode

Active electrodes

Only compatible with smartOne handles

NSTC

NSTC = nonStick teflon-coated

STERILE | EO

10 SU = Unit/pack

max. 3000 Vp Ø 2.4 mm 

 hexagonal lock



80-700-15-04 10
smartOne blade electrode

 hexagonal lock



80-700-16-04 10
smartOne blade electrode nonStick teflon-coated

 hexagonal lock



80-700-31-04 10
smartOne blade electrode nonStick teflon-coated, external isolation



80-700-17-04 10
smartOne needle electrode, external isolation



80-700-18-04 = Ø 3 mm 10
80-700-19-04 = Ø 4 mm 10
80-700-20-04 = Ø 5 mm 10
smartOne ball electrode

NSTC



80-700-21-04 = Ø 3 mm 10
80-700-22-04 = Ø 4 mm 10
80-700-23-04 = Ø 5 mm 10
smartOne ball electrode nonStick teflon-coated

Active electrodes

Only compatible with smartOne handles



NSTC = nonStick teflon-coated

STERILE | EO

10 SU = Unit/pack

max. 3000 Vp Ø 2.4 mm



80-700-24-04 = 10 x 10 mm (a x b) 10

80-700-25-04 = 15 x 12 mm (a x b) 10

80-700-26-04 = 20 x 15 mm (a x b) 10

smartOne loop electrode



80-700-27-04 10

smartOne cone biopsy electrode 20 x 10 mm



80-700-28-04 10

smartOne cone biopsy electrode 20 x 13 mm



80-700-29-04 10

smartOne cone biopsy electrode 20 x 20 mm

Active electrodes

Only compatible with smartOne handles

NSTC

NSTC = nonStick tungsten-carbide

STERILE | EO

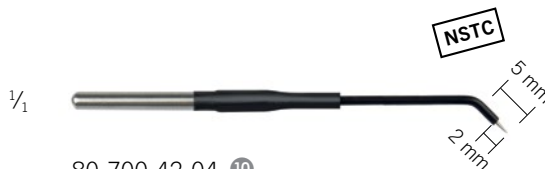
10 20 SU = Unit/pack

max. 3000 Vp Ø 2.4 mm 

Micro dissection needles



80-700-40-04 10
smartOne tungsten-coated micro dissection needle



80-700-42-04 10
smartOne tungsten-coated micro dissection needle, 45°



80-700-41-04 10
smartOne tungsten-coated micro dissection needle



80-700-43-04 10
smartOne tungsten-coated micro dissection needle, 45°

Other compatible accessories for the smartOne series



80-795-05-04 max. 700 Vp
Monopolar adapter for KLS Martin units and international accessories (3-pin)



80-060-04-04 20
Air hose, sterile, Ø 10 mm with Luer-Lock connection, 2.5 m long, (e.g. for connection of trocar)



79-225-06-04
Connection Tube Ø 22 mm and Ø 10 mm, reusable

smartLine Workstation



Smoke evacuation devices



80-060-00-04
marVac® smoke evacuator, 220–240 V, incl. main filter (item no. 80-060-01-04) and connection kit for major electrosurgery units



80-062-01-04
Smoke evacuation system maXium® smart Vac, 220–240 V incl. main filter unit (item 80-060-01-04)



80-060-05-04
Connection options for automatic activation (via HF generator or laser)
Adapter for mains current detection (ISA connection), incl. connecting cable

80-061-00-04
marVac® smoke evacuator with **LAP mode**, 220–240 V, incl. main filter (item no. 80-060-01-04) and connection kit for major electrosurgery units

80-062-00-04
Smoke evacuation system maXium® smart Vac with **LAP-Mode**, 220–240 V incl. main filter unit (item 80-060-01-04)

Due to the current detection item 80-060-05-04 our smoke evacuation devices are compatible with all generators in the market.

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For further information about surgical smoke in the OR and smartOne,
please scan the QR codes below:



<https://www.klsmartin.com/smartline-en/>



<https://www.klsmartin.com/en/smartOne>



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