



## NervScout Nerve Stimulator

*for intraoperative differentiation  
between nerves and muscles*

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The nerve stimulator lets you easily differentiate between nerves and muscles in neuromuscular tissue structures that can be stimulated with electric current.

This localization possibility reduces the risk of nerve damage and therefore optimizes the postoperative result.

The device can be used either as a **stand-alone nerve stimulator** or in conjunction with a high-frequency surgical unit, e.g. as a **sphincter tester**.

Activation is possible using either the finger switch on the stimulation handle or a foot switch. When using the NeuroPen (which features three buttons), the two additional switches provided on the handle allow you to adjust the intensity of the stimulation current.



The nerve stimulator is intended for use in ENT, OMF, Plastic and Pediatric Surgery. Here are some application examples:

- Exposure of the femoral nerve
- Applications close to the parotid gland
- Lymph node extirpation
- Localization of the accessory nerve
- Anal atresia



Ordering Data	
NervScout	80-065-00-04
Electrode handle with 1 button, 4-m cable	80-217-01-04
NeuroPen handle with 3 buttons, 4-m cable	80-217-03-04
Stimulation electrode (silver-plated), Ø 1 mm	80-565-01-04
Stimulation electrode (silver-plated), Ø 2 mm	80-565-02-04
Stimulation electrode (silver-plated), Ø 3 mm	80-565-03-04
MABS connecting cable, 1.2 m	80-181-51-04*
NervScout neutral electrode connecting cable, "I", 1.2 m	80-065-01-04*
NervScout neutral electrode connecting cable, "M", 1.2 m	80-065-02-04*
Connecting cable for disposable neutral electrodes	80-294-44-04
Disposable neutral electrodes	80-344-09-04
Single-pedal foot switch	80-811-50-04
Mounting set for combination with maxium®	08-474-00-10

\* To connect the nerve stimulator with a KLS Martin HF generator (when used in combination)

Technical Data	
Power supply	100–240 V ± 10%; 50/60 Hz
Power input:	15 VA
Protection class	I
Degree of protection:	IP 21
Line fuses:	2 x "T 1.25 A H 250 V"
Equipotential bonding:	acc. to IEC 60601-1
Dimensions:	(W x H x D) 390 x 108 x 425 mm
Weight:	3.5 kg
Type of stimulation:	Constant current
Pulse shape:	Negative rectangle
Pulse length/pause:	Mode "1": 50 ms / 550 ms Mode "2": 330 µs / 550 ms Mode "3": 250 µs / 9 ms
Pulse amplitude:	1–35 mA (cont. adjustable in 1-mA increments)
Pulse voltage:	max. – 60 V
Classification acc. to 93/42/EEC:	IIb
Type acc. to EN 60601-1:	Applied part type CF, defibrillation-proof
Electromagnetic compatibility:	acc. to EN 55011 and IEC 60601-1-2, safety requirements acc. to IEC 801
Environmental conditions for transport and storage:	Ambient temperature -25°C to +70°C (-13°F–158°F) Relative humidity 10% to 100% Atmospheric pressure 500 hPa to 1,060 hPa
Environmental conditions for operation:	Ambient temperature +10°C to +40°C (50°F–104°F) Relative humidity 30% to 75% Atmospheric pressure 700 hPa to 1,060 hPa
Marking  	acc. to EU Directive on medical devices

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