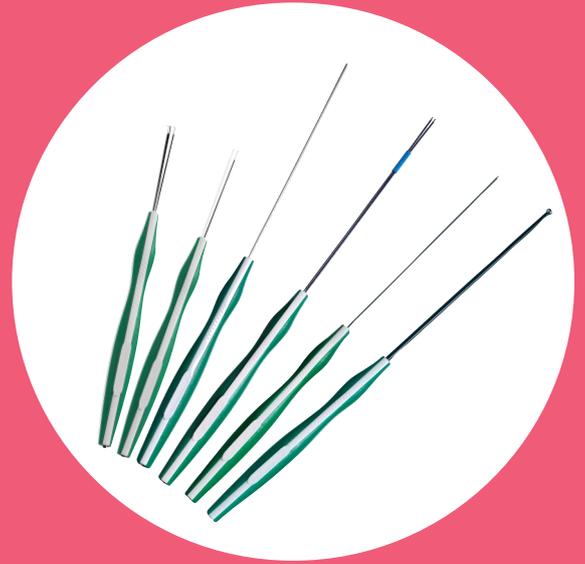


Ambu® Probes

DATASHEET

Ambu® stimulation probes are designed to stimulate nerves during surgery. A variety of probes are available to allow coarse or precise stimulation.

The probes have 1.5 mm touch proof DIN 42802 connectors and are compatible with most nerve monitoring and stimulating systems.



KEY FEATURES

Designed for accurate stimulation

Probe shaft is made of stainless steel

Handle designed for a comfortable grip

1.5 mm touch proof DIN 42802 connectors

RECOMMENDED APPLICATIONS

Intraoperative Monitoring (IOM)

Ambu

SPECIFICATIONS

Probe

Shaft length	100 mm (4") for Concentric, Bipolar, Monopolar and Pedicle screw probes, 37 mm (1.5") for Double and Triple hooked probes
Handle length	100 mm (4")
Lead wire length	190 cm (74.8")
Connector type	1.5 mm touch proof DIN 42802
Sterilization method	Ethylene oxide (EO)

Environment

Electrode, lead wire and packaging are not made with natural rubber latex
Packaging is PVC free

MATERIALS

Probe

Shaft	Stainless steel
Handle	Polycaprolactam (PA6)
Lead wire	PVC insulated Tin Plated Copper Wire
Protection tube	Polyethylene (LDPE)

Packaging

Pouches, transparent layer	Polyester/Polyethylene
Pouches, paper layer	Paper
Boxes	Cardboard

ORDERING SPECIFICATIONS

Item no.	Type	Shelf life in months (unopened pouches)	Units/pouch	Units/inner box	Units/outer box
73605-190/1	Triple hooked probe	36	1	1	96
73604-190/1	Double hooked probe	36	1	1	96
73603-190/10	Concentric probe	36	1	10	340
73602-190/10	Bipolar probe	36	1	10	340
73601-190/10	Monopolar probe	36	1	10	340
73600-190/10	Pedicle screw probe	36	1	10	340

The double and triple hooked probes consist of two or three hooked tips which are insulated up to the 90 degree angle hooks, with 4 mm exposed tips. The probe is designed to be used to stimulate nerve action potentials. It may only be used in contact with cranial, peripheral, and spinal nerve roots.

The tip of the concentric probe consists of an outer cannula (reference), a layer of insulation, and a core (active). The total diameter of the probe tip is 1 mm. Examples of how the concentric probe may be used include differentiating between cranial nerves, stimulating within the internal auditory canal, or stimulating fine fibers of the extra-cranial nerve without stimulating surrounding tissue.

The bipolar probe has a fully insulated probe shaft with two 2 mm exposed tips. The anode and cathode tips can spread up to 1.5 mm apart. Both tips of the bipolar probe must come into contact with tissue in order for the stimulation current to flow. The bipolar probe may be used in skull-base surgery and surgeries involving peripheral motor nerves.

The monopolar probe is a stimulation probe which needs a separate needle to act as a return. The probe has a 2 mm exposed tip, and is designed to be used to stimulate when a large signal spread is required.

The pedicle screw probe is a monopolar probe designed to aid in the placement of pedicle screws. It has a 3 mm uninsulated ball on an insulated shaft and needs a separate needle to act as a return.



Triple hooked probe



Double hooked probe



Concentric probe



Bipolar probe



Monopolar probe



Pedicle screw probe

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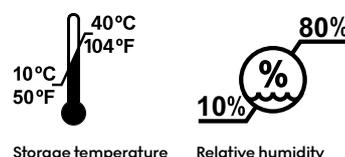
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Storage temperature

Relative humidity

CE 0344 US: Rx only