

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.

PRECISE NERVE IDENTIFICATION AND PROTECTION

Enables accurate stimulation to support reliable identification of nerves during surgery, helping to preserve nerve function and reduce the risk of damage. (e.g., RLN injury in thyroid procedures).

ENHANCED SURGICAL PERFORMANCE AND CONFIDENCE

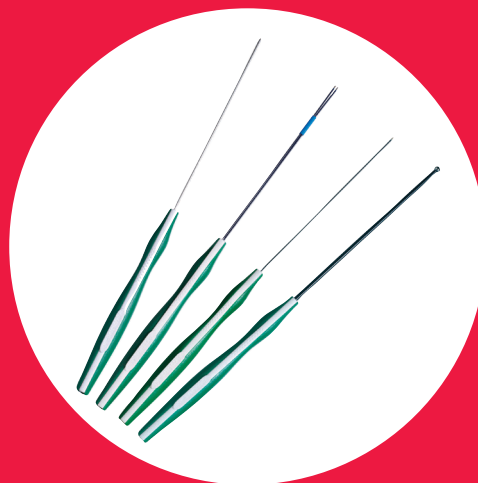
Improves workflow efficiency, supports intraoperative decision-making, and increases procedural precision.

ERGONOMIC DESIGN AND USABILITY

Features a comfortable, secure grip with optimized handle design and bendable tip (up to 30°), ensuring ease of use and precise control during procedures.

RELIABLE SOLUTION

Sterile, single-use design minimizes cross-contamination risks while providing consistent performance. Compatible with most nerve monitors (DIN connector) and offers a cost-effective alternative to reusable devices.



Ambu® Probes

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

Probes are bendable up to 30 degrees

RECOMMENDED APPLICATIONS

Intraoperative Monitoring (IOM)

SPECIFICATIONS

Probe	Frequency
Shaft length	100 mm (4") for Concentric, Bipolar, Monopolar and Pedicle screw 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	

ORDERING SPECIFICATIONS

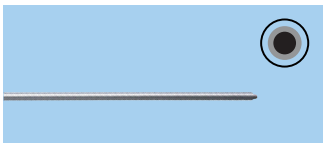
Item no.	Type	Shelf life in months (unopened pouches)	Units/pouch	Units/inner box	Units/outer box
73603-190/10	Concentric probe	36	1	10	340
73602-190/10	Bipolar probe	36	1	10	340
73601-190/10	Monopolar probe	36	1	10	340
73600-190/10	Pedicle screw probe	36	1	10	340

The 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.



Concentric probe



Bipolar probe



Monopolar probe

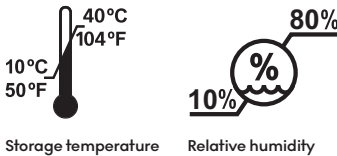


Pedicle screw probe

Ambu

Distributed by:
Ambu A/S
Baltorpbakken 13
2750 Ballerup
Denmark
T +45 72 25 20 00
ambu.com

Manufactured by:
Technomed Europe
Wiebachstraat 25a,
6466 NG Kerkrade,
The Netherlands



CE 0344 US: Rx only