Ambu® Neuroline™ Concentric

Neurology Needle Electrode - Single Use

DATASHEET

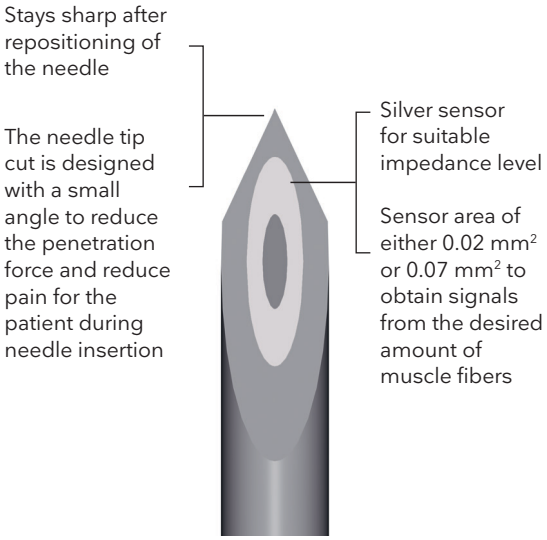
Ambu® Neuroline™ Concentric is designed to obtain and transfer signals reliably during EMG procedures. The design of the needle tip is optimized to meet the needs of low penetration force with sufficient sensor area, obtaining signals from the desired amount of muscle fibers with minor patient pain.

The cannula is made of stainless steel, designed to balance between stiffness and flexibility.

All Ambu Neuroline Concentric needles feature a color-coded hub with a tactile index mark to indicate the recording position of the bevel.

The hub is ribbed and slightly contoured so that it can be solidly held between the thumb and index finger.

Ambu also offers Ambu® Neuroline™ Concentric cables with a length of either 100 cm (40”) or 200 cm (80”).



KEY BENEFITS

Silver sensor for suitable impedance level

Stable impedance level throughout the examination

Silicone coating reduces friction when inserting and moving the needle in the target area

The needle tip cut is designed to reduce the penetration force

Colour-coded hub to assist the identification of needle size

Tactile index mark on hub to assist identification of the bevel position

Precision grip hub facilitates fine motor control

Orientation-free connection to Ambu Neuroline Concentric cables

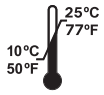
RECOMMENDED APPLICATION

Electromyography (EMG)

Ambu

SPECIFICATIONS

Environment
Electrode is not made with natural rubber latex
Cable is not made with natural rubber latex
Electrode is PVC-free
Packaging is PVC-free



Storage temperature

MATERIALS

Electrode	
Cannula	Stainless steel
Sensor	Silver
Hub	Acrylonitrile Butadiene Styrene (ABS)
Insulator	Epoxy
Protection tube	Low-Density Polyethylene (LDPE)
Connection type	0.9 mm brass pin connector
Sterilization method	E-beam
Packaging	
Pouches, inner layer	Polyamide (PA)
Pouches, outer layer	Polyethylene (PE)
Boxes	Cardboard

AVAILABLE CONFIGURATIONS

Item no.	Length		Diameter		Shelf life in months	Recording area	Packaging		
	mm	inch	mm	Gauge	(unopened pouches)	mm^2	Units/pouch	Units/inner box	Units/outer box
74025-30/25	25	1	0.30	30G	36	0.02	1	25	400
74025-45/25	25	1	0.45	26G	36	0.07	1	25	400
74030-35/25	30	1.2	0.36	28G	36	0.02	1	25	400
74038-45/25	38	1.5	0.45	26G	36	0.07	1	25	400
74050-45/25	50	2	0.45	26G	36	0.07	1	25	400
74075-65/25	75	3	0.64	23G	36	0.07	1	25	400

74025-30/25 Product Needle length Needle diameter Units per inner box

AMBU® NEUROLINE™ CONCENTRIC CABLE

Item no.	Cable length		Shelf life in months	Needle socket	Connector	Packaging		
	cm	inch		mm		Units/pouch	Units/inner box	Units/outer box
1741	100	40	60	1.0	DIN (60130-9)	1	N/A	N/A
1742	200	80	60	1.0	DIN (60130-9)	1	N/A	N/A

The reusable Ambu® Neuroline™ Concentric cable has an orientation-free connection to the needle electrode and fits EMG equipment featuring a DIN (60130-9) connector. The cable is shielded, flexible, and can be reused up to 2000 times.

Ambu® Neuroline™ Concentric cable

Ambu

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