

# Ambu<sup>®</sup> Neuroline Monopolar

## Neurology Needle Electrode - Single Use



### Key Benefits

- Tip superior in its sharpness for low penetration resistance
- Extra-smooth coating for low friction and improved patient comfort
- Ergonomic hub design for easy and secure grip
- Wide range of colour-coded sizes to meet your needs
- Available with or without pre-attached lead wire

### Indication for use

- Electromyography (EMG)

## Ambu<sup>®</sup> Neuroline Monopolar Needles

Ambu Neuroline Monopolar needles provide low penetration resistance thanks to the sharp design. Moreover, the needles have a smooth surface coating which reduces friction when inserting and working in the target area. This significantly improves patient comfort.

The needles feature a colour-coded ergonomic hub, which is both ribbed and concave to provide better control and tactile feedback. The needles are made of stainless steel and feature an optimal combination of strength and flexibility.

Strength ensures that you quickly and efficiently penetrate the skin; flexibility facilitates fine adjustments within the target area. Our needles are available both with and without a pre-attached lead wire.

Ambu also offers an Ambu Neuroline Monopolar cable with a 76 cm (30") lead wire.

## Specifications

Environment	
PVC-free electrode	Yes
Latex-free electrode	Yes
PVC-free lead wire	No
Latex-free lead wire	Yes
PVC-free packaging	Yes

## Materials

Description	Electrode without lead wire	Electrode with lead wire
Needle	Stainless steel	Stainless steel
Coating	Low friction polymer	Low friction polymer
Hub	Copolymer of Acrylonitrile, Butadiene, and Styrene (ABS)	Copolymer of Acrylonitrile, Butadiene, and Styrene (ABS)
Lead wire		Flexible Copper wire with PVC insulation
Connector	Stainless steel	Brass
Protection tube	Polyethylene (PE)	Polyethylene (PE)
Connection type	1.0 Pin - connector	1.5 mm touch-proof (DIN 42 802)
Sterilization method	EO-sterilized	EO-sterilized

Packaging	
Pouches, transparent layer	Polyethylene terephthalate (PET)
Pouches, centre layer	Polypropylene (PP)
Pouches, paper layer	Paper
Boxes	Cardboard

## Available configurations

Item No.	Length		Calibre		Shelf life in months (unopened pouches)	Packaging		
	mm	inch	mm	n° calibre		pouch	box	carton
■ 742 25-36/40	25	1"	0.36	28G	36	1	40	320
■ 742 38-36/40	38	1.5"	0.36	28G	36	1	40	320
■ 742 38-45/40	38	1.5"	0.45	26G	36	1	40	320
■ 742 50-45/40	50	2"	0.45	26G	36	1	40	320
■ 742 75-50/40	75	3"	0.50	25G	36	1	40	320
■ 743 25-36/40*	25	1"	0.36	28G	36	1	40	320
■ 743 38-36/40*	38	1.5"	0.36	28G	36	1	40	320
■ 743 38-45/40*	38	1.5"	0.45	26G	36	1	40	320
■ 743 50-45/40*	50	2"	0.45	26G	36	1	40	320
■ 743 75-50/40*	75	3"	0.50	25G	36	1	40	320

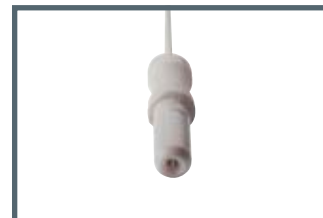
\*Pre-attached lead wire: 76 cm (30")

## Available cables

Item No.	Lead wire length		Shelf life in months unopened pouches	Needle socket mm	Connector mm	Packaging pouch
	cm	inch				
□ 1744	76	30"	-	1.0	1.5 (DIN 42 802)	1

The reusable Ambu Neuroline Monopolar cable has an orientation-free connection to the needle, strong flexible wire and fits most EMG equipment.

## Connectors



K = 1.5 mm connector



Storage temperature

### Ambu A/S

Baltorpbakken 13  
DK - 2750 Ballerup  
Denmark  
Tel. +45 7225 2000  
Fax +45 7225 2053  
www.ambu.com