

CONCENTRIC NEEDLE ELECTRODES

sterile (disposable)

Recording of bioelectrical signals during Electromyography (EMG) exams

BIONEN needle electrodes are designed and built to allow high reliability during electromyographic (EMG) examinations in which the electrical potentials formed in a muscle during its voluntary contraction are recorded.

The AISI 304 stainless steel cannula stands out for its high resistance and flexibility, which are fundamental characteristics for a good use of the electrode. The resistance allows for fast and efficient penetration, while the flexibility ensures that adjustments can be made to determine the exact target area.

The tip sharpening process ensures painless insertion for greater patient comfort.

KEY BENEFIT

1. Painless insertion
2. Ergonomic color-coded connector
3. Tactile Tip Indicator
4. Compatible cable: ref. 0030.011-Sxxx
5. Shelf life: 60 months (5 years)
6. Gamma Rays sterilization
7. DISPOSABLE device supplied in a STERILE pouch. Not reusable
8. Primary Package: Single pouch
9. Sales Package: 25 electrodes



FEATURES

ELETTRUDE	
Sterilization	Gamma Rays
Shelflife	5 years (60 months)
Contraindications and interactions	None
Any declared toxicity	None. LATEX FREE

REGULATION	
Classification EMDN	N010101
Basic UDI	803331512EMGCQ
Risk Class	CE - class IIa FDA - Approved by FDA with 510(k) - class II
Country of Origin	Italia
Complies with the Regulations	MDR (UE) 2017/745 Annex I 21 CFR Part 820 QSR (USA)
Produced according to SAQ BIONEN procedures	ISO 13485:2016

MATERIALS

ELECTRODE	
Cannula	Stainless Steel Inox AISI 304
Sensor	Standard: Titanio / AISI 304 Premium: Palladio / Platino / Silver
Connector	Gold-plated
Hub	NA66
Insulator	W180

PACKAGING	
Pouch	Single Pouch: Medical Paper/PET PE
Box	Carton / 25 needles per box

AVAILABLE CONFIGURATIONS - 028W-XXYY-ZZZ

(W=Sensor Material – XX=Needle's Diameter – YY=Needle's Length – ZZZ=Packaging/Labeling)

REF.	SENSOR	Ø mm (Gauge)	L mm	RECORDING AREA mm ²	QT./BOX
0280-4625-000	Standard	0,46 (26G)	25	0,07	25
0280-4630-000	Standard	0,46 (26G)	30	0,07	25
0280-4637-000	Standard	0,46 (26G)	37	0,07	25
0280-4640-000	Standard	0,46 (26G)	40	0,07	25
0280-4645-000	Standard	0,46 (26G)	45	0,07	25
0280-4650-000	Standard	0,46 (26G)	50	0,07	25
0280-4665-000	Standard	0,46 (26G)	65	0,07	25
0280-4675-000	Standard	0,46 (26G)	75	0,07	25
0280-3025-000	Standard	0,30 (30G)	25	0,02	25
0280-3525-000	Standard	0,35 (28G)	25	0,02	25
0280-3530-000	Standard	0,35 (28G)	30	0,02	25
0281-4625-000	Premium	0,46 (26G)	25	0,07	25
0281-4637-000	Premium	0,46 (26G)	37	0,07	25
0281-4650-000	Premium	0,46 (26G)	50	0,07	25

Compatible with cable BIONEN REF. 0030.011-S / 0030.011-S150

BIONEN
medical devices

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