

TECA[®] Elite

Quality – designed for comfort and safety with you and your patients in mind.

Pre-Sterilized Disposable Concentric Needle Electrodes for EMG

Patient Comfort:

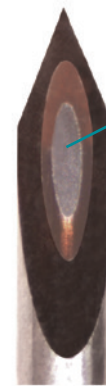
- Optimal sharpness increases patient comfort during insertion.
- Cannula is coated to reduce friction and required force, increasing patient comfort.

Ease of use:

- Features a stainless-steel cannula to provide both strength for quick and efficient penetration as well as flexibility for precise adjustments within the targeted recording area.
- The shape of the color-coded hub provides a firm grip, orientation free connection, security clip and recording area direction indicator.

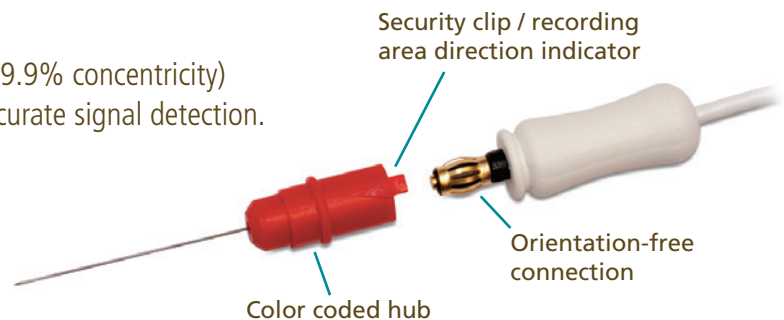
Highest Quality EMG Signal:

- Provides low impedances for accurate recordings.
- The stainless-steel needle features precision centering (99.9% concentricity) of the inner Tungsten core which assures reliable and accurate signal detection.



Tungsten core assures reliable and accurate signal detection

Recording area 0.03 or 0.07 mm² depending on needle size



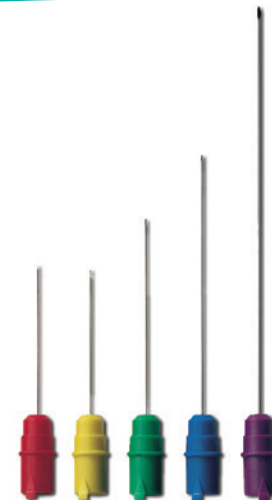
Security clip / recording area direction indicator

Orientation-free connection

Color coded hub

Technical Specifications

Part Number	Length	Needle diameter (mm)	Recording area (mm ²)	Hub color	Quantity
S53153	1" (25mm)	0.30 (30G)	0.03	Red	1/pouch - 25/box
S53155	1" (25mm)	0.46 (26G)	0.07	Yellow	1/pouch - 25/box
S53156	1.5" (37mm)	0.46 (26G)	0.07	Green	1/pouch - 25/box
S53158	2" (50mm)	0.46 (26G)	0.07	Blue	1/pouch - 25/box
S53159	3" (75mm)	0.64 (23G)	0.07	Violet	1/pouch - 25/box



Needle Holder (Cable)

Orientation-free hub to connect the TECA® ELITE Disposable Concentric Needle: Shielded 36" (1m) cable, terminating in a 5-pin 240° DIN plug. Plugs into most EMG instruments.



Part Number
X21001

Intended use

TECA® ELITE Disposable Concentric Needles are intended for use with recording, monitoring and stimulation/recording equipment for the stimulation/recording of biopotential signals including electromyograph (EMG) and nerve potential signals.

Materials

Electrode	
Cannula	Stainless Steel
Cannula Coating	Silicone
Core	Tungsten
Insulator	Polyesterimide
Hub	Brass, copper/nickel plating
Hub Color Cover.....	Acrylonitrile-Butadiene-Styrene (ABS)
Protective Tube.....	Polyethylene
Packaging	
Quantity.....	25 needles per box
Pouch	Tyvek/EVA
Box.....	Cardboard

Sterilization

Type.....	Gamma Irradiation
Shelf Life.....	3 years

Environmental

LATEX FREE / RoHS Compliant
 Storage Temperature0 to 132° F, (-17.7 to 55° C)

Regulatory

FDA	Cleared with FDA via 510(k)
Classification.....	II
CE-mark	
Notified Body.....	BSI
CE-mark number.....	0086
CE Class.....	IIA
Declaration of Conformity.....	Annex II of Directive 93/42/EEC on medical devices.

Compliance/Regulatory Standards

Designed, tested, manufactured and certified to meet the following domestic (USA), Canadian, European and International Standards:
 EN ISO 11137-1, EN ISO 11137-2, EN ISO 11137-3, EN ISO 15223-1,
 ISO 10993-1, ISO 13485, EN 14971, IEC 60601-1, EN 1041
 Country of Origin.....Ireland

Supplies

Natus Neurology offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Our dedicated customer service team provides a streamlined order and shipping process to save you time and money.

To learn more about Natus Neurology full line of Supplies and Accessories, contact your local distributor or sales representative.

US Customers Call: **1-800-356-0007**

International Customers Call: **+1-608-829-8500**



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