



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



Tungsten core assures  
reliable and accurate  
signal detection

Recording area 0.03 or  
0.07 mm<sup>2</sup> depending on  
needle size

## Pre-Sterilized Disposable Concentric Needle Electrodes for EMG

### Patient Comfort:

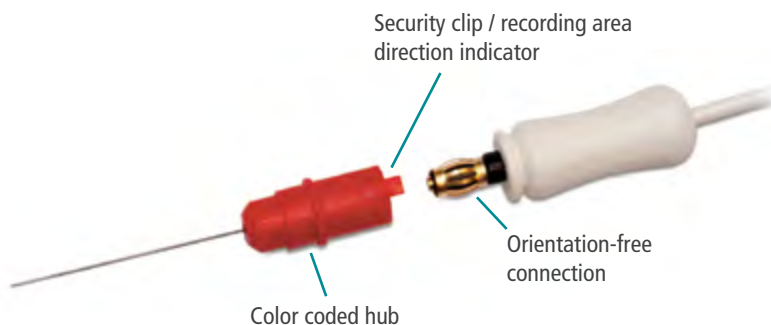
- Optimal sharpness increases patient comfort during insertion.
- Cannula is coated to reduce friction and required force, increasing patient comfort.

### 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.



## Technical Specifications

Part Number	Length	Needle diameter	Recording area (mm²)	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)

Part Number	Length	Electrode End	Instrument end
X21001	36" (1m)	Pogo Pin	5-Pin DIN



### 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

<b>Electrode</b>	
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
<b>Packaging</b>	
Quantity.....	25 needles per box
Pouch .....	Tyvek/EVA
Box.....	Cardboard

### Sterilization

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

### Environmental

LATEX FREE / RoHS Compliant	
Storage Temperature .....	0 to 132° F (-17.7 to 55° C)

## Supplies

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