



**THE LEADING MANUFACTURER OF PREMIUM  
QUALITY CONCENTRIC EMG ELECTRODES**

ORYX products are designed, manufactured, and quality-controlled in accordance with international standards ISO 13485:2016 and the European Medical Device Regulation (MDR) 2017/745  
Version: 03 This official edition supersedes all previous versions

**ORYX**<sup>®</sup> Healthcare

[WWW.Oryxhealthcare.com](http://WWW.Oryxhealthcare.com)



The ORYX name is inspired by a rare species of antelope with long, symmetrical horns a symbol of sharpness, accuracy, and engineering elegance reflected in our EMG needle design. Founded in 2018, ORYX has grown into a rising global brand with engineering precision, clinical experience, and advanced infrastructure at its core.

“Through the animals faced extinction in the early 1970s, when only 6 remained in the wild, the numbers have dramatically increased, thanks to breeding programs and conservation efforts.” Ali Faisal Al-Houti





# CONCENTRIC EMG ELECTRODE

## FEATURES

- High signal clarity and low impedance
- Smooth insertion with low penetration force
- Color-coded ergonomic hub
- 25 needles per die-cut box
- Single-use
- zero baseline
- for use by trained medical professionals (Intended User)
- Including Sensitization and Irritation tests
- Sterilized with Ethylene Oxide (EO) with ISO11135

## Regulatory Identification:

- Risk Class: IIa under MDR Annex VIII
- SRN: TR-MF-000042900
- REF No: ORX/CTG-03
- UDI-DI: Registered in EUDAMED for full traceability

|                                                                                       | Plastic Hub Item number | Length (mm) | Diameter (mm) | Surface (mm <sup>2</sup> ) | Gauge |
|---------------------------------------------------------------------------------------|-------------------------|-------------|---------------|----------------------------|-------|
|    | PEN 102838              | 38          | 0.34          | 0.02                       | 28    |
|    | PEN 102828              | 28          | 0.34          | 0.02                       | 28    |
|    | PEN 102628              | 28          | 0.45          | 0.07                       | 26    |
|  | PEN 102638              | 38          | 0.45          | 0.07                       | 26    |
|  | PEN 102650              | 50          | 0.45          | 0.07                       | 26    |
|  | PEN 102375              | 75          | 0.63          | 0.07                       | 23    |

Made of stainless steel (ISO 10993)



easy to open



Ultra sharp and smooth penetration



# CONNECTION CABLE



## FEATURES

- Precise Signal Transmission
- Standard 5-Pin Connector
- High Flexibility and Durability
- Reusable
- length : 150 CM
- compatible with all standard EMG machines



# VISION



At ORYX, we believe that innovation in medical technology can change lives. Our goal is to enhance diagnostic and treatment quality by providing advanced medical equipment that helps healthcare professionals and medical centers deliver better care to patients.

Our social responsibility goes beyond manufacturing medical devices. In times of crises, such as the Russia-Ukraine war, we have done our utmost to supply EMG products to facilitate faster diagnosis and support those affected.

Our mission at ORYX is to make innovative medical technologies more accessible globally and contribute to the health and well-being of communities through innovation and social responsibility.

## Regulatory Identification:

- Risk Class: I accessory under MDR Annex VIII
- SRN: TR-MF-000042900
- REF No: ORX/CTG-03





If you would like to report a complaint, adverse event, or provide product feedback, please contact our safety and post-market surveillance team:



Vigilance & Feedback:

[info@oryxhealthcare.com](mailto:info@oryxhealthcare.com)

Your feedback supports our commitment to quality, safety, and continuous improvement.

## Legal Manufacturer:

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