

Smart IONM System



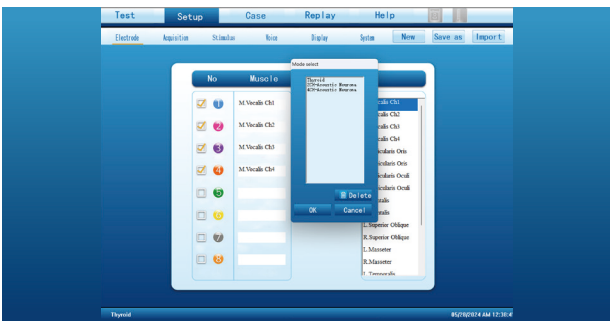
Product features



▲ Professional intraoperative neuromonitoring



▲ Portable design, multiple channels for free selection



▲ Template design for instant use, with user-friendly operation



▲ Furnished with various alert tones providing instantaneous feedback

Sugeries

Main Function

Thyroid, parathyroid, and other neck surgeries

Monitoring the integrity of the recurrent laryngeal nerve, vagus nerve, accessory nerve, and superior laryngeal nerve

Facial surgeries such as parotid gland and ear procedures, acoustic neuroma resection, and facial spasm decompression surgery, etc

Monitoring the integrity of the facial nerve function

Selective dorsal rhizotomy, spinal cord decompression surgery, etc

Assisted monitoring of motor nerve roots and spinal motor conduction tracts

EMG endotracheal tube

- The new EMG endotracheal tube design with a smooth wall, reducing the risk of vocal cord damage similar to non-monitoring tubes
- The arc-shaped electrode design providing the best contact during data collection

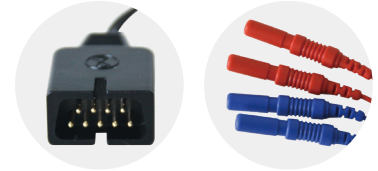


Curved elastic surface electrode

maintaining optimal contact with the vocal cords even with a slight rotation

★ Upgraded version

Embedded smooth tube wall for easy operation



6.0

6.5

7.0

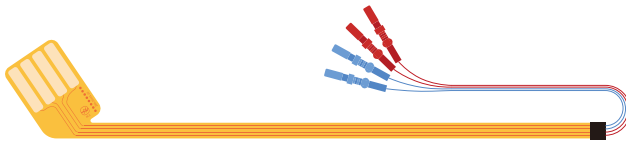
7.5

8.0

Five different sizes available for selection to suit for different body sizes

Adhesive laryngeal electrode

- Up to 4 channels
- Only 0.08mm electrode thickness
- Less space, better connection with full covered vocal cords
- ENIG technology ensures strong electrical conductivity, good oxidation resistance, and long service life



1 Channel

2 Channels

3 Channels



Disposable stimulation probe-Bipolar

- During surgery, stimulating nerves to diagnose and monitor nerve function
- Precise control of stimulation range, reducing current diffusion, and efficiently eliciting nerve impulses



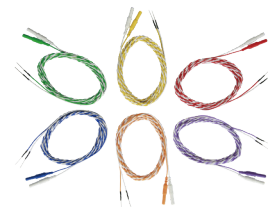
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STERILE R

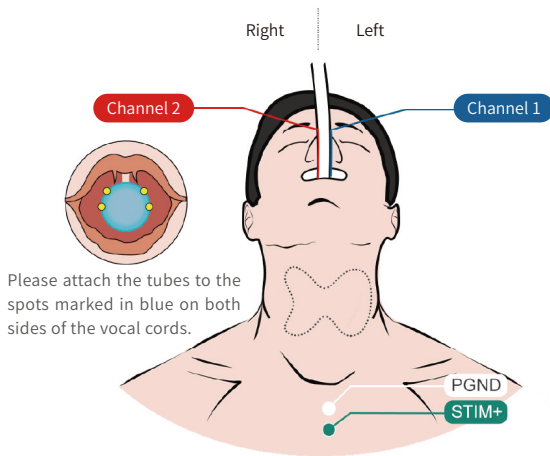


◀ Single Subdermal Needle Electrodes

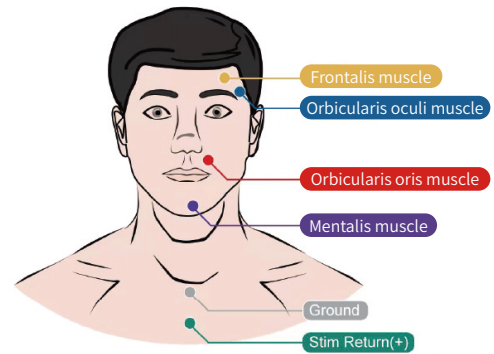
Twisted Subdermal Needle Electrodes ▶



Clinical application



Facial nerve monitoring



For more, please contact us:

Diagnostic: EEG, EMG

Surgical monitoring: Cynapse IONM, Smart IONM

Rehabilitation: Biofeedback system, Micro-current stimulator, Surface EMG system

