



## Precision Nerve Locating & Nerve Block Monitoring Device

**STIMPOD™**  
NMS410/450 CE 0120



### FEATURES

#### Diagnostic Screen

- Real-time feedback on size and shape of the actual pulse delivered.
- Poor connection of the anode indicated by a deformed square wave on the diagnostic screen.
- Warning symbol alerts user if delivered charge is more than 10% less than charge setting.



#### Simultaneous Nerve Mapping and Nerve Locating

- Combined Nerve Mapping and Locating cable.
- Combined cable provides for ECG electrode connection, needle connection and attached Mapping Probe.
- This intelligent cable automatically detects whether the probe or needle touches the patient.
- Nerve Mapping current range: 0 - 20 mA
- Nerve Locating current range: 0 - 5 mA



#### Neuromuscular Blocking Agent Monitoring (NMS450)

- Three dimensional accelerometry provides exact feedback for TOF Ratios, DB Ratios and Post Tetanic Counts.
- Repeat Timer enables continuous patient monitoring.
- NMBA current range switches to 0-80 mA

#### Other Features

- Fully operable when covered by a transparent sterile drape.
- Versatile, ergonomic clip to use as a stand, hook or clip.
- Proximity Indicator indicating probable nerve proximity.

## BENEFITS

- Improves accuracy of nerve location.
- Reduces probability for nerve damage.
- Reduces procedural time.
- Enables early detection of faulty and/or incomplete connections.
- Continuous objective monitoring of muscle relaxants (NMS450).



## OPERATING MODES

### Nerve Locating Mode

#### NMS410/450

|                              |   |
|------------------------------|---|
| Current Range:               | 0.00 - 5.00 mA $\pm$ 5%                   |
| Pulse Width Options:         | 0.05ms, 0.1ms, 0.3ms, 0.5ms, 1ms $\pm$ 5% |
| Maximum Stimulation Voltage: | 100V                                      |
| Stimulus:                    | Monophasic square wave                    |
| Stimulating Frequency:       | 1Hz , 2Hz, 5Hz $\pm$ 5%                   |
| Load Impedance:              | 0 kOhm - 20 kOhm                          |

### Nerve Mapping Mode

#### NMS410/450

|                              |   |
|------------------------------|---|
| Current Range:               | 0 - 20mA $\pm$ 5%                         |
| Pulse Width Options:         | 0.05ms, 0.1ms, 0.3ms, 0.5ms, 1ms $\pm$ 5% |
| Maximum Stimulation Voltage: | 400V                                      |
| Stimulus:                    | Monophasic square wave                    |
| Stimulating Frequency:       | 1Hz , 2Hz, 5Hz $\pm$ 5%                   |
| Load Impedance:              | 0 kOhm - 20 kOhm                          |

### NMBA Mode

#### NMS450

|                              |                                     |
|------------------------------|-------------------------------------|
| Current Range:               | 0 - 80mA $\pm$ 5%                   |
| Pulse Width Options:         | 0.2ms $\pm$ 5%                      |
| Maximum Stimulation Voltage: | 400V                                |
| Stimulus:                    | Monophasic square wave              |
| Stimulating Frequency:       | 1Hz, 2Hz, 5Hz, 50Hz, 100Hz $\pm$ 5% |
| Load Impedance:              | 0 kOhm - 5 kOhm                     |



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**SABS**

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