NERVE STIMULATORS

MICROPROCESSOR CONTROLLED, CONSTANT CURRENT, PORTABLE, RELIABLE & ACCURATE STIMULATORS

- Neuromuscular monitoring
- Transcutaneous mapping of the peripheral nerves
- Nerve location of motor & sensory nerves
FEATURES
- Alphanumeric LCD display with back-light
- User friendly, soft-touch, spill-proof keypad for easy operation
- Variable current range
- User programmable pulse width and frequency with default setting
- Audio-visual indication for pulse delivery and error
- Auto switch-over between mains power adaptor and rechargeable battery
- Automatic shutdown for power saving
- Audio and back light on-off option
- Low battery indicator
- Portable, small and light-weight

NERVE STIMULATOR-MAPPER-LOCATOR
NSML-100

NSML 100 is a combined ALL IN ONE UNIT.
- Nerve stimulator mode
- Mapper mode
- Locator mode-motor and sensory nerves
Separate output for Stimulator/Mapper with 4 mm jack and for Locator with 2 mm jack.

NERVE STIMULATOR
NS-100/NSML-100

It is used for safe, scientific and assured relaxation as well as reversal during general anaesthesia.

INMED stimulators with special features:
- Audible alert prior to actual pulse delivery
- User programmable for continuous monitoring of TOF and TW from 1 to 30 Min (NSML100)
- Built-in calculation of supra-maximal current with special algorithms (NSML 100)
- Twitch (TW): on demand/repeat at 1 Sec and at 10 Sec
- Train of four (TOF): on demand/repeat at 10 Sec
- Tetanus (50 Hz) (TET)
- Double burst stimulation (3:3) (DBS)
- Post tetanic count (PTC)
NERVE MAPPER-LOCATOR
NM-20/NSML-100

NERVE MAPPER (For transcutaneous tracing of nerves)

Nerve Mapper is a unique mode to identify the course of nerves lying at depth from the skin. It helps to locate the nerves transcutaneously, identify the entry point and reduce patient discomfort. It is an excellent tool to define anatomical landmarks for the entry point, especially in growing children, obese patients & in cases of distorted anatomy.

NERVE LOCATOR (Motor nerves)
NM-20/NSML-100

Excellent for reliable location of nerves using very low current, increasing the success rate of regional anaesthesia and reducing the risk of nerve damage as compared to paresthesia technique.

- Locating motor and mixed nerves for block
- Identifying motor nerve during Neuro, Ortho, Paediatric, Plastic and ENT Surgery
  (E.g. Facial nerve detection during parotid surgery)
- In otolaryngology test of facial nerve function

NERVE LOCATOR (Sensory nerves)
NM-20/NSML-100

Sensory mode is a unique feature to identify sensory nerves as in a Radio Frequency Lesion machine.

The practitioner can identify sensory nerves like glossopharyngeal nerve, the maxillary branch of trigeminal nerve and other sensory nerves to be blocked in O.R. and Pain Clinic.
## Technical Specifications

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>PULSE WIDTH RANGE</th>
<th>CURRENT RANGE</th>
<th>FREQUENCY RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nerve Stimulator</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>NSML-100/NS-100</td>
<td>200 µSec</td>
<td>1 to 100 mA in Steps of 1 mA</td>
<td>0.1 &amp; 1 Hz</td>
</tr>
<tr>
<td>Nerve Mapper</td>
<td></td>
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</tr>
<tr>
<td>NSML-100</td>
<td>50 to 300 µSec</td>
<td>1 to 50 mA in Steps of 1 mA</td>
<td>0.5 to 99 Hz</td>
</tr>
<tr>
<td>(Default 300 µSec)</td>
<td></td>
<td></td>
<td>(Default 1 Hz)</td>
</tr>
<tr>
<td>NM-20</td>
<td>50 to 300 µSec</td>
<td>1 to 20 mA in Steps of 1 mA</td>
<td>0.5 to 99 Hz</td>
</tr>
<tr>
<td>(Default 300 µSec)</td>
<td></td>
<td></td>
<td>(Default 1 Hz)</td>
</tr>
<tr>
<td>Nerve Locator-Motor</td>
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<td></td>
</tr>
<tr>
<td>NSML-100/NM-20</td>
<td>40 to 200 µSec</td>
<td>0.1 to 10 mA in Steps of 0.1 mA</td>
<td>0.5 to 10 Hz</td>
</tr>
<tr>
<td>(Default 100 µSec)</td>
<td></td>
<td></td>
<td>(Default 1 Hz)</td>
</tr>
<tr>
<td>Nerve Locator-Sensory</td>
<td></td>
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</tr>
<tr>
<td>NSML-100/NM-20</td>
<td>200 to 500 µSec</td>
<td>0.1 to 10 mA in Steps of 0.1 mA</td>
<td>0.5 to 99 Hz</td>
</tr>
<tr>
<td>(Default 300 µSec)</td>
<td></td>
<td></td>
<td>(Default 1 Hz)</td>
</tr>
</tbody>
</table>

### ACCESSORIES:
- Transcutaneous mapping probe with cable
- Interface cables for locator and stimulator
- Mains adaptor
- Rechargeable battery

### TOF-Watch with accelerometry*

*Eyes that never miss a twitch!*

- Objective Neuro Muscular Monitoring
- Simple & Accurate measurement of TOF Ratios
- Surface Sensor to measure Skin Temperature
- Optimal Neuro Muscular Blockade Management
- Various Models to choose from
- TOF-Watch, TOF-Watch S, TOF-Watch SX
- Optional Computer Interface available

* (*Distributed in India by Inmed)

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Manufactured by:

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# Due to the philosophy of continuous upgradation, we reserve the right to change and / or modify any / all the specifications.