Neuromuscular Transmission

Neuromuscular transmission (NMT) is the transfer of an impulse between a nerve and a muscle in the neuromuscular junction. NMT can be blocked by neuromuscular blocking agents – drugs which cause transient muscle relaxation and prevent the patient from moving and breathing spontaneously.

GE Healthcare’s line of NMT accessories are compatible with GE Healthcare NMT modules and include ElectroSensors, adult and pediatric MechanoSensors, regional block adapters, sensor cables and electrodes. GE Healthcare’s Neuromuscular Transmission (NMT) accessories are for neuromuscular block monitoring and nerve stimulation for plexus anesthesia.

Features
- Used with monitored parameters, such as hemodynamic measurements and NMT, you get a more complete picture of patient status on one screen.
- The NMT offering has two different sensor types to meet your needs:
  - The MechanoSensor measures the motion of the thumb using a piezoelectric sensor, which converts the physical motion to an electrical signal and quantifies the evoked mechanical response
  - The ElectroSensor directly measures the electrical activity of the muscle with electrodes, quantifying the response to nerve stimulation
  - The ElectroSensor can be used on the patient’s hand or foot in both adult and pediatric patients

Our equipment. Our accessories. Simply compatible.
You can trust GE Healthcare accessories and consumables to keep your clinical devices working efficiently.
- Simplified ordering process
- Fast delivery
- One contact point for expert advice
- Quality support at every step

gehealthcare.com/products/accessories-and-supplies
NMT SENSOR CABLE

The reusable NMT sensor cable should only be used with the GE NMT sensors on GE Monitors. NMT accessories are not MRI or defibrillator compatible.

Materials

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable:</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>Monitor Connector:</td>
<td>Polyester</td>
</tr>
<tr>
<td>Sensor Connector:</td>
<td>Ethylene Butyl Acrylate Copolymer (EBA)</td>
</tr>
<tr>
<td>Bed Sheet Clip:</td>
<td>Glass Fiber-Reinforced Polyamide</td>
</tr>
<tr>
<td>Tube:</td>
<td>Phthalate-free Polyvinyl Chloride (PVC)</td>
</tr>
</tbody>
</table>

Materials Composition

Not made with natural rubber latex, DEHP or other phthalates.

Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

Storage

Temperature: -20° to 60°C (-4° to 140°F)

Sterility

The NMT sensor cable is supplied non-sterile

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Pouch: Polyethylene (PE)/Paper

Compliance

RoHS (Restriction of Hazardous Substances) compliant
CE Mark

Product Compatibility

M-NMT and E-NMT modules

PART LIST

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>888414</td>
<td>NMT Sensor Cable, 3.3 m/11 ft, Reusable,</td>
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</tbody>
</table>
**NMT MECHANOSENSOR**

The reusable NMT MechanoSensor is approved for use with adults and children weighing between 11 and 44 pounds (5-40 kg). The MechanoSensor should only be used with GE Healthcare NMT measurement devices, GE NMT sensor cables and electrodes. NMT accessories are not MRI or defibrillator compatible.

### Materials

<table>
<thead>
<tr>
<th>Clip:</th>
<th>Polyamide</th>
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</thead>
<tbody>
<tr>
<td>MechanoSensor:</td>
<td>Silicone</td>
</tr>
<tr>
<td>Wires:</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>Connector:</td>
<td>(EBA)</td>
</tr>
<tr>
<td>Tube:</td>
<td>Phthalate-free Polyvinyl Chloride (PVC)</td>
</tr>
</tbody>
</table>

### Materials Composition

Not made with natural rubber latex, DEHP or other phthalates.

### Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

### Storage

Temperature: -20° to 60°C (-4° to 140°F)

### Sterility

NMT MechanoSensors are supplied non-sterile

### Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

### Packaging materials

Sensors Primary: Carton/Box - Cardboard

### Compliance

RoHS (Restriction of Hazardous Substances) compliant

CE Mark

### Product Compatibility

M-NMT and E-NMT modules

### PART LIST

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>888418</td>
<td>NMT MechanoSensor, Adult, Reusable</td>
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</tr>
<tr>
<td>897439</td>
<td>NMT MechanoSensor, Pediatric, Reusable</td>
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</table>
NMT ELECTROSENSOR
The reusable NMT ElectroSensor is for use with GE Healthcare NMT measurement devices and should only be used with GE NMT sensor cables and electrodes. NMT accessories are not MRI or defibrillator compatible.

Materials

<table>
<thead>
<tr>
<th>Clip:</th>
<th>Polyamide</th>
</tr>
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<tbody>
<tr>
<td>Wires:</td>
<td>Polyurethane</td>
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<tr>
<td>Connector:</td>
<td>Ethylene Butyl Acrylate Copolymer (EBA)</td>
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<tr>
<td>Tube:</td>
<td>Phthalate-free Polyvinyl Chloride (PVC)</td>
</tr>
</tbody>
</table>

Materials Composition

Not made with natural rubber latex, DEHP or other phthalates.

Operating Environment

Temperature: 10° to 40°C (50° to 104°F)

Storage

Temperature: -20° to 60°C (-4° to 140°F)

Sterility

NMT ElectroSensors are supplied non-sterile

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Sensor Pouch: Polyethylene (PE)/Paper

Compliance

RoHS (Restriction of Hazardous Substances) compliant
CE Mark

Product Compatibility

M-NMT and E-NMT modules

PART LIST

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>888416</td>
<td>NMT ElectroSensor, Reusable</td>
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</table>
NMT ELECTRODES
The disposable, single-patient-use NMT electrodes are solid-gel and approved for a maximum usage up to 24 hours.

Materials
Electrode: Polyester, Medical-Grade Acrylic, Stainless Steel, Ag/AgCl
Gel: Conductive Adhesive Hydrogel

Materials Composition
Not made with natural rubber latex, PVC, DEHP or other phthalates.

Operating Environment
Temperature: 10° to 40°C (50° to 104°F)

Storage
Temperature: 12° to 30°C (54° to 86°F)

Sterility
The NMT electrodes are supplied non-sterile

Shelf Life
The NMT electrodes have a shelf life of 3 years

Disposal considerations
Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials
Pouch: Polyethylene (PE)/Aluminium/Paper

Compliance
RoHS (Restriction of Hazardous Substances) compliant
CE Mark

Product Compatibility
M-NMT and E-NMT modules

PART LIST

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>57268-HEL</td>
<td>NMT Electrodes, Disposable</td>
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NMT REGIONAL BLOCK ADAPTER
The reusable NMT regional block adapter should only be used with the GE NMT sensor cable on GE Monitors. NMT accessories are not MRI or defibrillator compatible.

Materials

<table>
<thead>
<tr>
<th>Clip:</th>
<th>Polyamide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wires:</td>
<td>Polyurethane, Polyvinyl Chloride (PVC)</td>
</tr>
<tr>
<td>Connector:</td>
<td>(EBA)</td>
</tr>
<tr>
<td>RB Connector:</td>
<td>Polyvinyl Chloride (PVC)</td>
</tr>
</tbody>
</table>

Disposal considerations
Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials
Pouch: Polyethylene (PE)/Paper

Materials Composition
Not made with natural rubber latex.

Operating Environment
Temperature: 10° to 40°C (50° to 104°F)

Storage
Temperature: -20° to 60°C (-4° to 140°F)

Sterility
The NMT regional block adapter is supplied non-sterile.

Product Compatibility
M-NMT and E-NMT modules

PART LIST

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>888417</td>
<td>NMT Regional Block Adapter, Reusable</td>
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</table>

Product may not be available in all countries and regions. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com.