

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

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

Cable:	Polyurethane
Monitor Connector:	Polyester
Sensor Connector:	Ethylene Butyl Acrylate Copolymer (EBA)
Bed Sheet Clip:	Glass Fiber-Reinforced Polyamide
Tube:	Phthalate-free Polyvinyl Chloride (PVC)

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

Part Number	Description	Quantity
888414	NMT Sensor Cable, 3.3 m/11 ft, Reusable,	1



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

Clip:	Polyamide
MechanoSensor:	Silicone
Wires:	Polyurethane
Connector:	(EBA)
Tube:	Phthalate-free Polyvinyl Chloride (PVC)

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

Part Number	Description	Quantity
888418	NMT MechanoSensor, Adult, Reusable	1
897439	NMT MechanoSensor, Pediatric, Reusable	1



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

Clip:	Polyamide
Wires:	Polyurethane
Connector:	Ethylene Butyl Acrylate Copolymer (EBA)
Tube:	Phthalate-free Polyvinyl Chloride (PVC)

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

Part Number	Description	Quantity
888416	NMT ElectroSensor, Reusable	1



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

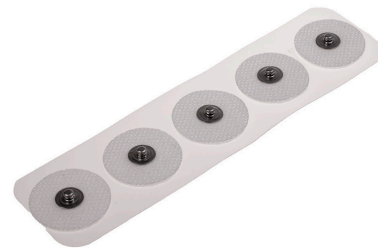
RoHS (Restriction of Hazardous Substances) compliant
CE Mark

Product Compatibility

M-NMT and E-NMT modules

PART LIST

Part Number	Description	Quantity
57268-HEL	NMT Electrodes, Disposable	30



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

Clip:	Polyamide
Wires:	Polyurethane, Polyvinyl Chloride (PVC)
Connector:	(EBA)
RB Connector:	Polyvinyl Chloride (PVC)

Materials Composition

Not made with natural rubber latex.

Operating Environment

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

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

The NMT regional block adapter 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
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Compliance

RoHS (Restriction of Hazardous Substances) compliant
CE Mark

Product Compatibility

M-NMT and E-NMT modules

PART LIST

Part Number	Description	Quantity
888417	NMT Regional Block Adapter, Reusable	1



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

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