

# SMART CABLE™ NMT POD

NEUROMUSCULAR TRANSMISSION/TRAIN OF FOUR POD  
MONITOR NEUROMUSCULAR BLOCK WITH CONFIDENCE



The Smart Cable™ NeuroMuscular Transmission Pod quantitatively monitors the response to detect the tactile perception of EMG helping clinicians make more informed decisions when neuromuscular blocking agents (NMBA) are used.

## TOTAL INTEGRATION

01. Automatic documentation through HL7 output, along with all other monitored parameters for a complete patient record
02. Seamless system integration with Nihon Kohden patient monitors
03. On-screen visualization of stimulation patterns and patient response

## OBJECTIVE

01. Measurable and unbiased assessment that can lead to safer neuromuscular monitoring when neuromuscular blocking agents are used
02. Quantitative measurement of muscle response through electromyography (EMG)
03. Auto-calculated TOF ratio

## FUNCTIONAL

01. Disposable electrode with accordion style design helps clinicians position the electrode to patient's anatomical landmarks
02. Simple pod design with four quick keys allows for stimulation to be administered with the press of a button
03. Flexibility to operate at the patient monitor

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### AF-201PA

<b>System Components</b>	AF-201PA (NMT Pod), JW-201P (Main Cable), NM-345Y (Disposable electrode, pack of 10), DH-101P (Holder with clip), Operator's Manual
<b>Product Compatibility</b>	Nihon Kohden Life Scope® G9, G7, G5Max, G5, BSM-6000 Series, Life Scope® BSM-3500
<b>Stimulation</b>	TOF (Train of Four), Single Stimulation, DBS (Double Burst Stimulation), TET (Tetanic Stimulation), PTC (Post Tetanic Count)
<b>Measured Parameters</b>	TOFrat (TOF ratio), TOFcnt (TOF count), PTC (Post Tetanic Count)
<b>Configurable Parameters</b>	STIM (Stimulation current), CAL (Calibration current), TW1 (Twitch height), EMG Threshold, Sensitivity (mVp-p), Stimulation duration (Min) and INTERVAL (Stimulation interval of slow TOF)

### STIMULATION CURRENT AND OUTPUT PULSE RANGE FOR ELECTRODE

<b>Stimulation Current</b>	10 to 60 mA $\pm 10\%$ (at peak)
<b>Selectable Range</b>	1 mA steps
<b>Output Pulse Range</b>	200 $\mu\text{s}$ $\pm 10\%$ or 300 $\mu\text{s}$ $\pm 10\%$
<b>Output Voltage</b>	0 to 300 V
<b>Skin Impedance</b>	100 to 5,000 $\Omega$
<b>Sensor DC Offset Voltage</b>	Within $\pm 30$ mV
<b>Sensor AC Impedance</b>	3 k $\Omega$ or less (at 10 Hz)
<b>Calibration</b>	Automatically adjusts the supramaximal stimulation current

### AF-201PA SIZE AND WEIGHT

<b>Dimensions</b>	2.6" (67mm) W x 4.6" (116mm) H x 1.2" (31mm) D
<b>Smart Cable Length</b>	8.9' (2.7m)
<b>Weight</b>	0.48lbs (220g)
<b>Material</b>	Polycarbonate resin and ABS resin

### JW-201P (PATIENT CABLE) SIZE AND WEIGHT

<b>Cable Length</b>	8.2' (2.5m)
<b>Weight</b>	0.24lbs (110g)
<b>Material</b>	ABS, PVC, POM (Polyoxymethylene), ABS (Acrylonitrile Butadiene Styrene), TPEE (Thermoplastic Polyester Elastomer)

### DH-101P HOLDER SIZE AND WEIGHT

<b>Dimensions</b>	3.7" (93 mm) W x 4.8" (121mm) H x 2.7" (70mm) D
<b>Weight</b>	2.7 oz (76.5g)
<b>Material</b>	Polyamide resin

## DISPOSABLE ELECTRODE

### NM-345Y

<b>Base Material</b>	Polyethylene terephthalate (PET), Silver (Ag) Note: Electrode is not made with natural rubber latex.
<b>Sensor Type</b>	Single patient use
<b>Adhesive Gel</b>	Acrylic hydrophilic high polymer, glycerin, water
<b>Weight</b>	0.21 oz (6g)
<b>Length</b>	9.3" (237mm)

## SMART CABLE NMT POD AND DISPOSABLE ELECTRODE

### STORAGE AND TRANSPORT ENVIRONMENT

<b>Temperature</b>	-10 to +65°C (14 to +149°F)
<b>Humidity</b>	15 to 95% RH
<b>Atmospheric Pressure</b>	700 to 1060 hPa

### OPERATING ENVIRONMENT

<b>Temperature</b>	10 to 40°C (50 to 104°F)
<b>Humidity</b>	30 to 85%RH (non-condensing)
<b>Atmospheric Pressure</b>	700 to 1060 hPa
<b>Cooling System</b>	Natural cooling (no fan)
<b>Degree of Protection</b>	Against harmful ingress of water: IPX4 (excluding the interface connector)

### POWER REQUIREMENT

<b>Line Voltage</b>	Supplied from the connected bedside monitor DC 5 V $\pm 5\%$ (DC 4.75 to 5.25 V)
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**MORE IS POSSIBLE**

FOR MORE INFORMATION, PLEASE CONTACT US AT 1-800-325-0283 OR VISIT US.NIHONKOHDEN.COM

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**CAUTION:** Federal (United States) Law restricts this device to sale by or on the order of a physician. See Operators Manual for full prescribing information, including indications for use, contraindications, warnings, precautions and adverse events.