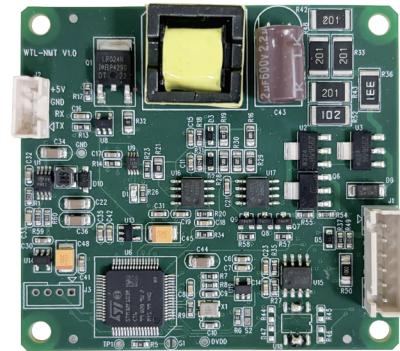


# MNMT Module

Monitoring a neuromuscular blocking agent involves stimulating the neural pathway which facilitates the contraction of an appendage.

Based on the relative strength of contraction which is the result of a stimulus of specific intensity or waveform, it is possible to draw conclusions about the efficacy of an injected neuromuscular blocking agent.



Dimension : 80mm\*65mm\*1.6mm

## Accelerometer Placement:

The tri-axial accelerometer should be attached to the contracting appendage of the patient, to measure the strength of the contraction resulting from the applied electrical stimulus.

Accelerometry is used in Train-of-Four (TOF), Double Burst (DBS), Post Tetanic Count (PTC), Supra Maximal Current (SMC) and Auto modes to facilitate monitoring of the efficacy of the neuromuscular blocking agent.



## Single Stimulus vs. Repeated Stimulation:

- The repeat mode can be activated by setting the burst counter to greater than 1.
- The device will automatically start a countdown according to the 'refractory timer' or 'repeat timer' setting depending on the configured settings for the current mode.
- Disable the repeat mode by sending the stop stimulation command.

# Capabilities Overview

## Supported NMT Stimulation Modes

- Train Of Four (TOF)
- Post Tetanic Count (PTC)
- Tetanus (TET)
- Double Burst (DBS 3.3)
- Twitch (TWI)

## Automated Workflow Sequences

- Supra-Maximal Current Determination
- Depth of Block Determination

## Indicators, Warnings & Alerts

- Stimulation Busy Status
- Open/Closed Circuit Electrode Status
- Cable Connected Status
- Current Error Warning

# Module Specifications

NMT Specifications		
Stimulation output	Pulse width	200us Measurement error : ±5%
	Stimulus current range	0mA-60mA, setting step 5mA Measurement error : ±1mA
	Maximum skin impedance	5kΩ
ST mode	ST-Ratio	0%~200%.
	Measurement interval	Manual, 15s, 30s, 1min, 2min, 5min
TOF mode	TOF-Count	0~4
	TOF-Ratio	5%~160 %.
	Measurement interval	Manual, 15s, 30s, 1min, 2min, 5min
PTC mode	PTC-Count	0~15
	Measurement interval	Manual, 15s, 30s, 1min, 2min, 5min
DBS mode	DBS-Count	0~2
	DBS-Ratio	5%~160%
	Measurement interval	Manual, 15s, 30s, 1min, 2min, 5min
TET mode	Measurement interval	Manual, 15s, 30s, 1min, 2min, 5min
NMT alarm	Lead shedding / excessive stimulation current	

## Accessories

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Name	Image
NMT cable	
NMT Electrode sheet	

\* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions

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