

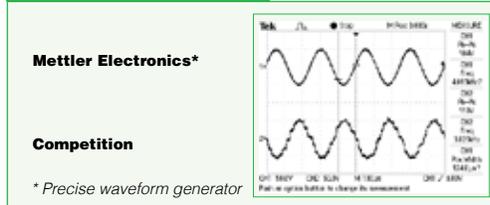
Neuromuscular Stimulation

The Sys*Stim® 240



The new Sys*Stim® 240 neuromuscular stimulator features nine discrete waveforms designed to facilitate clinical versatility. Waveforms may be combined with on-off programs for neuromuscular education as well as frequency and amplitude modulation programs for optimal pain management. New touch-sensitive technology has been used to make starting a treatment easy. The high-resolution color display with crisp text and graphics, allows you to monitor all treatment parameters continuously. The patented M-Wheel™ provides easy navigation through all of the menus.

Interferential Sinewave



Weight: 4.5 lbs., 5.5 lbs. with battery, (2.0 kg., 2.5 kg. with battery)
Dimensions: 13 in. (L) x 8 in. (W) x 8 in. (H), (33 cm (L) x 20 cm (W) x 20 cm (H))
Warranty: 2 years



Protocols are designed to show treatment parameter, setup instructions and electrode placements all on one screen.



Features

- 9 Stimulation waveforms
- Optional laser or cluster light therapy
- Controls using touch-sensitive technology
- Patented M-Wheel™ for adjusting parameters
- Bright color display
- Memory for user-defined protocols
- Optional battery pack
- Translated into 8 languages



For more information go to
www.MettlerElectronics.com
 or call 1 (800) 854-9305

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Light Therapy Overview

The Mettler Electronics Sys*Stim® 240 has an optional light therapy accessory. The clinician can choose from the cluster or the laser applicator package. The packages contain everything needed for light therapy including the applicator cradle with mounting hardware as well as protective glasses to protect the patient and the clinician from exposure to the high-intensity light emitted by the applicators.

The light therapy option provides therapeutic infrared light for temporary increase in blood circulation, temporary relief of minor muscle and joint aches, pains and stiffness, temporary relaxation of muscles and temporary relief of minor pain and stiffness associated with arthritis. The laser probe has a GaAs Diode that emits infrared coherent light at 785 nm. Blue LEDs at 470 nm illuminate the treatment field to show the clinician where the laser is pointed. The SLD/LED cluster probe, with 950 nm SLDs and 660 nm LEDs is also available.

All of the controls for light therapy are already installed on the Sys*Stim 240. The clinician only needs to purchase the accessory package and plug in the applicator to activate the light therapy capabilities. And like the stimulator portion of the device, there are treatment suggestions along with parameters and treatment illustrations.

- Plug and play light therapy
- Control intensity or repeat treatments from the applicator
- 500 mW cluster and/or 80 mW laser
- Treatment protocols available
- Memory for user-defined protocols
- Protective eye glasses included



Light Therapy Optional Packages

2407 Laser and cluster applicator kit includes:

- Laser applicator, 785/470 nm, 80 mW (2401)
- Cluster applicator, 950/550 nm, 500 mW (2402)
- Applicator holder (left) with mounting hardware (2410)
- Applicator holder (right) with mounting hardware (2411)
- One pair of protective Uvex glasses X2 (5403)

Packages for just the laser or the cluster applicator are available. These include 2 pairs of protective glasses and an applicator holder with mounting hardware.

Optional Light Therapy Specifications

Output Power	Dependent on Applicator (<i>automatically sensed</i>)
Laser diode applicator:	80 mW at 785nm
Cluster applicator:	500 mW at 660/950nm
Delivered energy:	0.01 to 99.99 Joules
Operation modes:	Continuous and Pulsed
Pulse mode:	
Pulse width:	
Laser	100 us nominal
Cluster	50% duty cycle
Pulse frequency:	
A)	Continuous
B)	10 Hz, 25 Hz, 50 Hz, 100 Hz, 250 Hz, 500 Hz, 1 kHz, 2.5 kHz, 5 kHz (Pulses per Second)
C)	Sweep from 10 to 5 kHz in 10 seconds
Timer	0 to 99 minutes 59 seconds, 1 second increments (decrementing). Audible signal and output termination at time expiration