

SUNSTIM™

PERIPHERAL NERVE STIMULATOR

UNIVERSAL FEATURES + FUNCTIONS

- Delivers reliable, adjustable current in one-second twitch pulses
- Adjustable current from 0-70 mA
- Built-in train of four (TOF) with four pulses per two seconds
- Illuminated signals for pulse activation and battery life
- Steady green light illuminates when unit is ON
- Each model comes complete with:
 - Instruction manual
 - 9V Battery
 - Ball electrodes
 - 6' Lead wires + alligator clips

SUNSTIM™ | 8-1053-60 | STANDARD



FEATURES

- Switch functions:
 - Stand-by position - no stimulus pulses are generated
 - Twitch: 1 pulse per second
 - Tetanus: 100 Hz (100 pulses/s)
 - Built-in TOF: 4 pulses in a period of 2 seconds
- Compact design; fits in pocket
- Thumb dial
- Compatible with all available accessories

SUNSTIM™ PLUS | 8-1053-62 | ENHANCED



FEATURES

- Specific switch functions:
 - Double burst: 2 60-ms bursts of 50 Hz separated by .75s
 - Tetanus: 50 Hz (50 pulses/s) or 100 Hz (100 pulses/s)
 - Stimulus pulse: square wave monophasic pulses (200- μ s duration)
- Compact design; fits in pocket
- Thumb dial
- Compatible with all available accessories

SUNSTIM™ PRO | 8-1053-63 | PREMIUM



FEATURES

- Shares same functionality and switch functions as SunStim Plus
- Easy-to-read digital screen display for DBS, Tetanus, TOF, and Twitch functionality, and mA output
- Ergonomic and compact shape; fits better in hand and more comfortable to use
- Silicone wrap for secure grip; prevents damage if dropped
- Power button on face
- Compatible with all available accessories

Model	SunStim 8-1053-60 STANDARD	SunStim Plus 8-1053-62 ENHANCED	SunStim Pro 8-1053-63 PREMIUM
Type of Device	BF	BF	BF
Membrane Touch Switches	StandBy Twitch 100 Hz Train-of-Four (TOF)	Double Burst (DBS) Twitch Tetanus Train-of-Four (TOF)	Double Burst (DBS) Twitch Tetanus Train-of-Four (TOF)
Pulse Characteristics			
Pulse Width:	200 Microseconds	200 Microseconds	200 Microseconds
Pulse Type:	Square Wave Monophasic	Square Wave Monophasic	Square Wave Monophasic
Tetanus	100 Hz	50 Hz or 100 Hz	50 Hz or 100 Hz
Double Burst Pulses (DBS)	N/A	Two (2) 60 ms bursts of 50 Hz separated by 0.75 secs (750 milliseconds)	Two (2) 60 ms bursts of 50 Hz separated by 0.75 secs (750 milliseconds)
Output Current	Adjustable 0-70mA	Adjustable 0-70mA	Adjustable 0-70mA
Display			
Pulse LED:	Flash yellow when pulse is generated	Flash yellow when pulse is generated	Flash yellow when pulse is generated
Battery LED:	Steady green, when the unit is turned ON	Steady green, when the unit is turned ON	Steady green, when the unit is turned ON
Battery Power	One 9V alkaline battery Battery LED flashes when battery voltage is low	One 9V alkaline battery Battery LED flashes when battery voltage is low	One 9V alkaline battery Battery symbol on LCD screen and green battery light will flash simultaneously when battery voltage is low
Power Supply	Internally powered ME equipment	Internally powered ME equipment	Internally powered ME equipment
Power Consumption	Approximately 15.0 mA	Approximately 13.0 mA	Approximately 13.0 mA
Protection Grade	IP20	IP20	IP20
Operation Mode	Continuous Operation	Continuous Operation	Continuous Operation
Size	3.75" x 2.25" x 1" (95.25 mm x 57.15 mm x 25.4 mm)	3.75" x 2.25" x 1" (95.25 mm x 57.15 mm x 25.4 mm)	4.53" x 2.46" x 1.02" (115 mm x 62.5 mm x 26 mm)
Weight (With Battery)	0.25 lb	0.25 lb	0.25 lb
Rheostat (Control Knob)	Controls the current	Controls the current	NA
+ / - (Switch)	NA	NA	Controls the current

ACCESSORIES



Ball Electrodes and Hollow Pin
8-1053-76



6' Lead, Clip, Shielded Pin
8-1053-79



6' Lead, Snap, Shielded Pin
8-1053-78



Pole Mount Bracket
8-1053-85,
8-1053-95



Neoprene Zippered Pouch
8-1053-87

PRO WRAP | EXCLUSIVE TO SUNSTIM PRO



8-1053-XX
(alpha suffix based on color)