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Nerve Stimulators and Accessories

Anesthesia Associates Nerve Stimulator Model AA 1050

- · Arrives complete, ready to use.
- · Built-in train of four
- Built-in battery test
- Tetanus frequency can be selected at 100 or 50hz
- · Easy push button controls
- Unique wire ball on the back of the unit may be used for hanging, propping at an angle, or hanging on your belt.
- · Durable, light weight, brushed aluminum case.
- · Comes equipt with batteries and ball electrodes.



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8-0010-50

Anesthesia Associates Compact Nerve Stimulator Model AA100

Although compact in design, it offers many functions found only in much larger units.

- Adjustable output voltage:
 - -1 pulse per 8 seconds
 - -2 pulses per second
 - -Train of four (2 cycles of 2 per second)
- Tetanus frequency can be selected at 50 or 100 Hz
- . Built in battery test.
- Uses a standard 9 volt battery.
- · Accepts optional leads for electrode pads or needles.
- · Designed for one hand operation.
- Complete with battery and ball electrodes.
- · Arrives ready to use.



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8-0010-00

Anesthesia Associates 54" Leads with Alligator Clips with Insulator Cover



- · Alligator Clips with insulator cover
- 54" long leads
- Latex-Free

8-1050-57



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Anesthesia Associates 54" Leads with Snaps

 $54\ensuremath{^{\prime\prime}}$ long lead set. Protected male (shrouded) 4mm banana plugs by snaps to connect to electrode pads.

8-1050-58



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\$ 18.50 1

Anesthesia Associates Extension Lead Set

54" long lead set extension. Protected male (shrouded) 4mm banana plugs by protected female 4mm banana jack, used to extend the length of #8-1050-57 and #8-1050-58 lead sets.

8-1050-50



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Anesthesia Associates Ball Electrode Set

- Replacement Ball Electrode Set
- For use with any model of the Anesthesia Associates Nerve Stimulators.

8-0010-60



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\$ 12.50 1

Anesthesia Associates Safety Adapter Kit Pre 2000

If your Anesthesia Associate Nerve Stimulator was purchased on or before 1999, this is the safety adapter kit you need. This safety adapter kit will allow conversion of your older Anesthesia Assoc. nerve stimulators to accept compliant protected lead sets. The kit does not alter equipment function. Ball electrodes can still be used normally. Comes complete with 2 adapter jacks, alien key for installation and instruction.

8-0010-05



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Dupaco Sparky-Nerve Stimulator



Size

Arrives complete and ready to use.

Hand held nerve stimulator with Lo (18ma) and Hi (30ma) power levels to facilitate a wide range of situations. Twitch @ 2 pulse per sec. (2hz). Tetany @ 50 hz. Complete with ball electrodes and a standard 9 volt battery, a set of 2 ft lead wires with alligator clips.



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\$ 523.80 1

Neuro Technology DigiStim 2 Plus

FEATURES

- The dual-purpose DigiStim 2 PLUS efficiently monitors muscle relaxants and precisely locates nerves in regional anesthesia procedures.
- The amount of current delivered to the patient is displayed in mA on a large, easy-to-read, digital LCD.
- In addition to the flash of the pulse LED, an audible indicator sounds as each stimulus pulse is delivered to the patient.
- Nerves can be located precisely: the low-level output is adjustable in 0.1-mA increments from 0 to 6.0 mA.
- An optional computer interface is available for evoked potential and EMG applications.
- The DigiStim 2 PLUS is delivered ready to use: instruction manual, built-in mounting bracket, battery, and 6-foot leads with alligator clips are included.



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Additional Features: PLUS Model Only!

- · Low power consumption
- Double-burst stimulation output mode
- Automatic shutdown indicated by audible signal after 20 minutes of nonuse
- Adjustable volume on beep-tone

SPECIFICATIONS

Modes of Operation

Standby: All toggle switches at off (center position)

Double Burst 3,3: 2 60 ms bursts of 50 Hz separated by .75 s; single or automatic repeat every

10 seconds.

Twitch: 1 s (1 pulses/s); single or repeat

Tetanus: 50 Hz (50 pulses/s); 100 Hz (100 pulses/s)

Train-Of-Four: Single (4 pulses/2 s); repeat (4 pulses/2 s; repeats every 10 s)

Output Current: 0-70 mA, adjustable in 0.1-mA increments (HI range)

0-6.0 mA, adjustable in 0.1-mA increments (LO range)

Stimulus Pulse: Square Wave Monophasic pulses (200-us duration)

Display Resolution: 0.1 mA

Indicators: Digital LCD shows current delivered to the patient in mA, Battery LED

(green) indicates that the unit is on; it flashes when battery voltage is low. Pulse LED (red) flashes each time a stimulus pulse is generated. Audible indicator beeps each time a stimulus pulse is generated and before the instrument automatically shuts down. The loudness of the beep is adjustable.

Power Source: 9-V alkaline battery (access door on rear panel)

Power Approximately 4.9 mA

Consumption:

Mounting Bracket: Attaches to carts and IV or equipment poles

Case: High-impact ABS plastic with anodized aluminum front and rear panels.

Switches and handles are chrome-plated.

Size: 2.5" H x 6.06" W x 6.25" D
Weight: 1 lb 10 oz, including battery
Warranty: 1 year, parts and labor

8-1053-72

Neuro Technology DigStim 3 Plus





FEATURES

- The DigiStim 3 PLUS is a full-featured peripheral nerve stimulator in a convenient, hand-held unit.
 Membrane touch-switches make the selection of stimulus functions easy.
- The amount of current delivered to the patient is displayed in mA on a large, easy-to-read, digital LCD.
- In addition to the flash of the pulse LED, an audible indicator sounds as each stimulus pulse is delivered, enabling direct monitoring of the patient's response.



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- Nerves can be located precisely: the low-level output is adjustable in 0.1-mA increments from 0 to 6 mA.
- The DigiStim 3 PLUS is delivered ready to use: instruction manual, battery clips included.
 Mounting bracket is optional.

Additional Features: PLUS Model Only!

- · Low power consumption
- Double-burst stimulation output mode
- Automatic shutdown indicated by audible signal after 20 minutes of nonuse
- Adjustable volume on beep-tone

SPECIFICATIONS

Modes of Operation

Standby: A standby switch maintains power to the instrument without generating

stimulus pulses.

Double Burst 3,3: 2 60 ms bursts of 50 Hz separated by .75 s; repeats every 10 s.

Twitch: 1 s (1 pulses/s); 2 Hz (2 pulses/s)

Tetanus: 50 Hz (50 pulses/s); 100 Hz (100 pulses/s)

Train-Of-Four: 4 pulses/2 s); repeat every 10 s

Output Current: 0-70 mA, adjustable in 0.1-mA increments (HI range)

0-6.0 mA, adjustable in 0.1-mA increments (LO range)

Stimulus Pulse: Square Wave Monophasic pulses (200-us duration)

Display Resolution: 0.1 mA

Indicators: Digital LCD shows current delivered to the patient in mA, Battery LED

(green) indicates that the unit is on; it flashes when battery voltage is low. Pulse LED (red) flashes each time a stimulus pulse is generated. Audible indicator beeps each time a stimulus pulse is generated and before the instrument automatically shuts down. The loudness of the beep is adjustable.

Power Source: 9-V alkaline battery (access door on rear panel)

Power Approximately 2.4 mA

Consumption:

Mounting Bracket: (Optional) Attaches to carts and IV or equipment poles

Case: High-impact ABS plastic with Lexan overlay on membrane touch-switches

Size: 2.09" H x 3.60" W x 5.75" D
Weight: 11 oz, including battery
Warranty: 1 year, parts and labor

Neuro Technology MicroStim Plus

FEATURES

- The MicroStim Plus is a complete muscle relaxant monitor that fits in the palm of your hand.
- Its functions include twitch, 50 and 100 Hz tetanus, automatic train-of-four, and double burst stimulation.
- This unit, though small, still offers sufficient output to ensure supramaximal stimulation: output current is full adjustable from 0 to 70 mA.
- As in the other instruments in the PLUS series, an audible indicator sounds as each stimulus pulse is delivered, enabling direct monitoring of the patient's response.
- The MicroStim Plus is delivered ready to use: instruction manual, battery, diagnostic probe, and 6-foot leads with alligator clips are included.



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SPECIFICATIONS

Modes of Operation

Double Burst 3,3: 2 60 ms bursts of 50 Hz separated by .75 s

Twitch: 1 s (1 pulses/s)

Tetanus: 50 Hz (50 pulses/s) or 100 Hz (100 pulses/s)

Train-Of-Four: Single 4 pulses/2 s) **Output Current:** Adjustable from 0-70mA

Stimulus Pulse: Square Wave Monophasic pulses (200-us duration)

Indicators: Battery LED (green) indicates that the unit is on; it flashes when battery

voltage is low. Pulse LED (red) flashes and audible indicator sounds each

time a stimulus pulse is generated.

Power Source: 9-V alkaline battery (access door on rear panel)

Power Approximately 13.0 mA

Consumption:

Case: High-impact ABS plastic with Lexan overlay on membrane touch-switches

Size: 1.10" H x 2.42" W x 3.88" D
Weight: 5.5 oz, including battery
Warranty: 1 year, parts and labor

8-1053-62

Neuro Technology DigiStim III Options

FEATURES

- The DigiStim III is a full-featured peripheral nerve stimulator in a convenient, hand-held unit.
- Membrane touch-switches make the selection of stimulus functions easy.
- The amount of current delivered to the patient is displayed in mA on a large, easy-to-read, digital LCD.
- In addition to the flash of the pulse LED, an audible indicator sounds as each stimulus pulse is delivered, enabling direct monitoring of the patient's response.
- Nerves can be located precisely: the low-level output is adjustable in 0.1-mA increments from 0 to 6 mA.
- The DigiStim III is delivered ready to use: instruction manual, battery and 6-foot leads with alligator clips are included. Mounting bracket optional.



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SPECIFICATIONS

Modes of Operation

Standby: A standby switch maintains power to the instrument without generating

stimulus pulses.

Twitch: 1 s (1 pulses/s); 2 Hz (2 pulses/s); 10 s (1 pulse/10 s)

Tetanus: 50 Hz (50 pulses/s): 100 Hz (100 pulses/s)

Train-Of-Four: 4 pulses/2 s); repeat every 10 s

Output Current: 0-70 mA, adjustable in 0.1-mA increments (HI range)

0-6.0 mA, adjustable in 0.1-mA increments (LO range)

Stimulus Pulse: Square Wave Monophasic pulses (200-us duration)

Display Resolution: 0.1 mA

Indicators: Digital LCD shows current delivered to the patient in mA, Battery switch

displays battery voltage on LCD. Pulse LED (red) flashes and audible

indicator sounds each time a stimulus pulse is generated.

Power Source: 9-V alkaline battery (access door on rear panel)

Power Approximately 7.6 mA

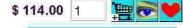
Consumption:

Mounting Bracket: (Optional) Attaches to carts and IV or equipment poles

Case: High-impact ABS plastic with Lexan overlay on membrane touch-switches

Size: 2.09" H x 3.60" W x 5.75" D
Weight: 11 oz, including battery
Warranty: 1 year, parts and labor

Neuro Technology Micro-Stim Nerve Stimulator



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FEATURES

- The MicrosStim is a complete muscle relaxant monitor that fits in the palm of your hand.
- Its functions include twitch, tetanus, and automatic train-of-four.
- This unit, though small, still offers sufficient output to ensure supramaximal stimulation: output current is fully adjustable from 0 to 70 mA.
- In addition to the flash of the pulse LED, an audible indicator sounds as each stimulus pulse is delivered, enabling direct monitoring of the patient's response.
- The MicroStim is delivered ready to use: instruction manual, battery, diagnostic probe, and 6-foot leads with alligator clips are included.

SPECIFICATIONS

Modes of Operation

Standby: A standby switch maintains power to the instrument without generating

stimulus pulses.

Twitch: 1 s (1 pulses/s)
Tetanus: 100 Hz (100 pulses/s)
Train-Of-Four: Single (4 pulses/2 s)
Output Current: Adjustable from 0-70 mA

Stimulus Pulse: Square Wave Monophasic pulses (200-us duration)

Display Resolution: 0.1 mA

Indicators: Battery LED (green) indictes that the unit is on; it flashes when battery

voltage is low. Pulse LED (red) flashes and audible indicator sounds each

time a stimulus pulse is generated.

Power Source: 9-V alkaline battery (access door on rear panel)

Power Approximately 15.5 mA

Consumption:

Case: High-impact ABS plastic with Lexan overlay on membrane touch-switches

Size: 1.10" H x 2.42" W x 3.88" D
Weight: 5.5 oz, including battery
Warranty: 1 year, parts and labor

8-1053-60

Neuro Technology Pole Mounting Bracket (Digistim III and Digistim 3 Plus)

- · Mounting Pole Bracket
- · Easy to use
- For Digistim III and Digistim 3 Plus Nerve Stimulators.



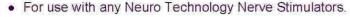
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8-1053-50

Neuro Technolgy Replacement Stim Leads

\$ 24.00 1

Size



- 8-1051-78 6 foot Stim Lead With Snaps
- 8-1051-79 6 foot Stim Lead With Clips



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Neuro Technology Replacement Stim Ball Electrodes

\$ 12.00 1





- Stim Ball Electrodes
- Used with the Micro Stim and Micro Stim Plus Nerve stimulators.

8-1053-76



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