

Technical Specifications

Output Function (user selected)	1 pulse / 8 seconds (± 2 seconds)(Twitch) 4 pulse / 2 seconds ($\pm .5$ seconds) repeated 10 ± 2 seconds (TOF) 50 pulses / second (± 10 pulses) (50 Hz Tetanus) 100 pulses / second (± 20 pulses) (100 Hz Tetanus)
Pulse Width	.30 milliseconds ($\pm .08$ milliseconds)
Pulse Voltage	0 - 450 volt (± 50 v) (adjustable)
Pulse Current	0 - 35 milliamp (± 5 ma) (into 1.2kohm load)
Battery Life	Up to 500 hours
Low Battery Detected	6 volts nominal (± 1 v)
Power Source	Battery, 9v, ANSI 1604A or similar
Size	5.5" x 2.7" x 1"
Weight	6.4 oz (including battery & ball electrodes)

Care of Case

Only mild chemicals and/ or a damp cloth are recommended for cleaning. Caution: Do not allow liquids to enter the case as damage to electrical components may result.

Replacement Parts and Accessories

00-100-PLUS	AincA Peripheral Nerve Stimulator PLUS with ball electrodes
00-100-PLUS-KIT	The AincA Peripheral Nerve Stimulator PLUS with ball electrodes and alligator clip lead set, all in a soft sided zippered case.
00-106	Ball Electrode set
00-107-P	54" lead set with alligator clips, protected, compliant
00-108-P	54" lead set with female snaps, protected, compliant
00-109	Neoprene soft-sided zip case for Nerve Stimulator and accessories
00-110-P	54" extension lead set, protected, compliant
P-205	Battery, 9V

**For servicing and repairs,
please contact the manufacturer:**

Anesthesia Associates, Inc. (AincA)
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00-100-PLUS Peripheral Nerve Stimulator

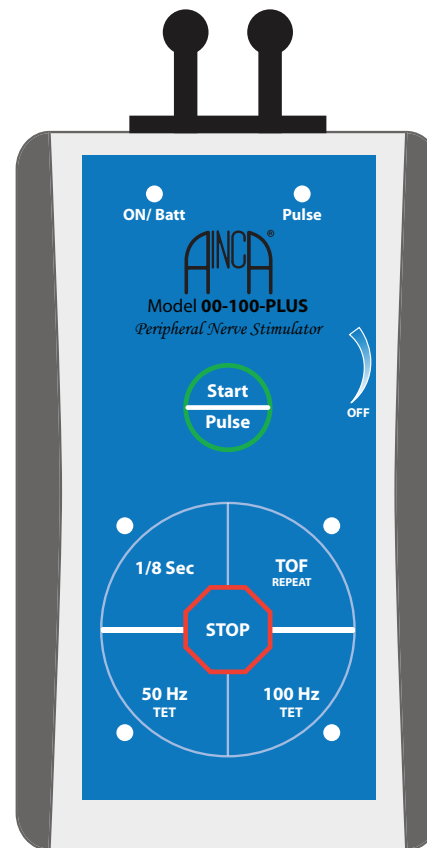
Features

The 00-100-PLUS Peripheral Nerve Stimulator is a lightweight, battery powered, hand held, and adjustable stimulator.

It is specifically designed for a wide range of clinical uses with both ball electrodes and various extension lead sets.

Functions include Twitch, Train-of-Four, and both 50Hz and 100Hz Tetanus. Functions are selected from the front membrane panel switches, under easy user control.

The 00-100-PLUS comes complete with 9V battery and ball electrodes.



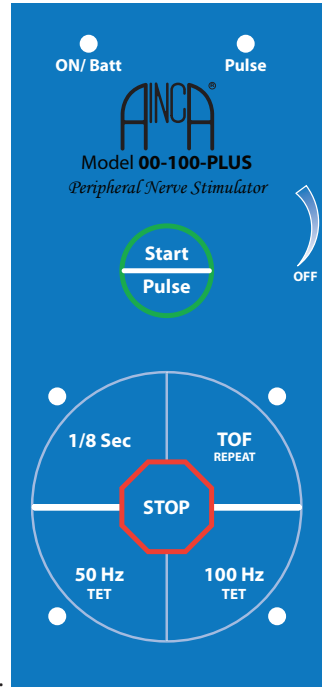
**Available in a
KIT!**

The 00-100-PLUS-KIT comes with everything stated above as well as an alligator clip lead set and a zippered case.

Warranty: Anesthesia Associates, Inc. (AincA) warrants this product to be free from defects in material and workmanship, under normal use and with appropriate care and maintenance, for one (1) year from date of initial sale. Please visit our website for terms & conditions and full warranty information.

Function Operation

Device Label	Description
ON/ Batt (Light)	<u>Solid GREEN</u> when unit is ON, battery is okay <u>Flashing GREEN</u> when battery should be replaced.
Pulse (Light)	<u>Illuminates RED</u> each time a Pulse is generated
Start-Pulse (Button)	<u>Start-Pulse</u> : Pressing once starts repeating pulse cycles (1/8 Sec & TOF) and pressing and holding generates pulses (50Hz and 100Hz) for the duration it is pressed and held.
STOP (Button)	<u>Stop</u> : Stops any operating function and clears any selected function (function light will turn off)
Control Knob * (Potentiometer on side)	<u>Control Knob</u> : Rolling up (counter clockwise) initially turns ON the device. As it is further rolled up, the voltage output increases from zero (0) to full. Rolling down (clockwise) will decrease the voltage output until it reaches zero (0) and then clicks to the OFF position.
1/8 Sec (Button)	<u>1 per 8 Second</u> : One (1) pulse every eight (8) seconds is generated and automatically repeated. RED light next to button will illuminate when this function is selected. Pressing Start-Pulse is required to initiate this repeating function.
TOF Repeat (Button)	<u>Train of Four</u> : Four (4) pulses in two (2) seconds with an eight (8) second pause before the next cycle is automatically repeated. RED light next to button will illuminate when this function is selected. Pressing Start-Pulse is required to initiate this repeating function.
50Hz TET (Button)	<u>50Hz Tetanus</u> : 50 pulses per second are generated when Start-Pulse is pressed. RED light next to button will illuminate when this function is selected.
100Hz TET (Button)	<u>100Hz Tetanus</u> : 100 pulses per second are generated when Start-Pulse is pressed. RED light next to button will illuminate when this function is selected.



Operation Instructions

Turning ON and OFF

The AINCA Peripheral Nerve Stimulator PLUS is turned ON and OFF via the Control Knob (potentiometer) located on the right hand side of the case.

To turn the device ON, rotate the Control Knob counter-clockwise, or up, turning past the 0 mark. Once the device is ON, a green light will be visible, labeled ON/ Batt. No pulses will be generated until a function is selected AND the Start/ Pulse button is pressed.

To turn the device OFF, rotate the Control Knob clockwise, or down, all the way until the knob clicks. Once the device is OFF, the green light for ON/ Batt will no longer illuminate.

The Control Knob controls the output voltage and is marked 0 to 9 with 0 being OFF, 1 being minimum output, and 9 being maximum output. The higher the number, the higher the output voltage.

Choosing Functions

The AINCA Peripheral Nerve Stimulator PLUS has four (4) functions to choose from, which are arranged around the STOP button (see “Function Operation” for details). When the device is turned ON and a function button is pressed, a nearby indicator light will illuminate. No pulses will be generated until the Start-Pulse button is pressed and/or held (depending on the function selected, see below). The STOP button will stop and clear any selected function when pressed.

When the 1/8 Sec function is selected, pressing and releasing the Start-Pulse button will initiate a single pulse (Twitch) that will automatically repeat once every 8 seconds until STOP is pressed or another function is selected. When the TOF function is selected, pressing and releasing the Start-Pulse button will initiate Train-of-Four pulses that will automatically repeat every 10 seconds until STOP is pressed or another function is selected. When either the 50 Hz TET or 100 Hz TET function is selected, the Start-Pulse button will deliver 50 Hz or 100 Hz Tetanus pulses for as long as the Start-Pulse button is pressed. Tetanus pulses will continue until the Start-Pulse button is released, the STOP button is pressed, or another function is selected. Functions may be changed without pressing the STOP button.

Examples of Operation

A) TOF Example Start:

1. Rotate the Control Knob ON. Press the TOF button. The indicator light above TOF will illuminate indicating your selection.
2. Press and release the Start-Pulse button. The red Pulse light will flash every time a pulse is automatically generated for this function.

B) 50Hz TET Example Continued:

3. Press the STOP button. The TOF indicator light will go out and no pulses will be generated.
4. Press the 50Hz TET button, the indicator light near it will illuminate indicating your selection.
5. Press and hold the Start-Pulse button. The red Pulse light will stay illuminated for as long as the Start-Pulse button is held and pulses are being generated. Once the Start-Pulse button is released, no pulses will be generated, and the Pulse light will go out.
6. Rotate the Control Knob to the OFF position.