

BLOOM DTU 215B

Electrophysiology Stimulator

The Gold Standard

Product Specification

J3 Relay Connector

- 3-pin PIN connection; mechanical relay closure, controlled by "Sync B" or "Manual" to turn on peripheral devices.

External Input

- BNC connector 500 mV minimum

Bloom 215B Accessories

- Remote Stimulus Isolation Unit (RSIU)**
 4 independent channels, power isolated from the main Bloom 215B stimulator for maximum patient isolation and safety. Channels 1-3 output current 0.1 to 10 mA. Channel 4 output current 0.2 to 20 mA.
- Catheter Connection Box (CCB)**
 To further isolate the patient from the DTU 215B stimulator, the output of the RSIU is sent to the CCB. The CCB outputs are then sent to an external recording device via electrodes.
- Increment/Decrement (INC/DEC) device**
 The INC/DEC is a remote control device connected to the Bloom 215B stimulator. It allows the operator to change the duration of the pulses S1-S4 from a remote location from where the stimulator resides.

Dimensions and Weights

- DTU-215B**
 - Dimensions: 11" (H) x 17" (W) x 21" (D)
 - Weight: 23 lbs (10.4 kg)
- RSIU**
 - Dimensions: 10.125" (H) x 10.125" (W) x 3" (D)
 - Weight: 5 lbs (2.3 kg)
- CCB**
 - Dimensions: 5.90" (H) x 3.14" (W) x 1.80" (D)
 - Weight: 2 lbs (0.9 kg)

Electrical Requirements

- | DTU-215B | |
|---|---|
| Domestic | International |
| • 105 to 125 Vac, 60 Hz | • 230 Vac, 50 Hz |
| • 30 Watts Max | • 30 Watts Max |
| Fuse Requirements:
- 2 each, 1A, 250 V
- 5x20 mm
- time delay | Fuse Requirements:
- 2 each, 500 mA, 250 V
- 5x20 mm
- time delay |
| RSIU
- Nine batteries 9V each. | |



B206276R3

bloomep.com

Contact Sales: 800-777-5345

Fischer Medical Technologies LLC 325 Interlocken Parkway, Bldg C, Broomfield, CO 80021

Fischer

Medical Technologies LLC

BLOOM DTU 215B

Electrophysiology Stimulator

The Gold Standard

Product Specification

Product Description

The Bloom 215B is Fischer Medical Technologies' programmable stimulator that meets the complex and varying needs of the Electro-Physiology Laboratory from clinical EP studies to research oriented protocols. The Bloom 215B stimulator has the following features:

Output Channels

The Bloom 215B stimulator has 4 independent output channels. Each channel has:

- Adjustable output current (mA):
Channels 1-3 from 0.1 to 10 mA.
Channel 4 from 0.2 to 20 mA.
- Adjustable output pulse width (msec) from 0.1 to 9.9 msec in 0.1msec increments
- S1-S6
- Pause

Operating Mode

- Delivers premature stimuli, single, multiples or trains
- Synchronous or Asynchronous
- A/V sequential pacing
- Selection of internal generators S1 or external signal for drive train initiation

Secondary/Tertiary Drive Trains

- Mode settings include internal/external (sense), A/V sequential pacing
- Setting for cycle length, onset, number of pulses

Burst Generator

- Burst and pacing at pre-set cycle length
- Burst at selected channel will burst at selected pulse width and mA.
- Max-burst output will cause burst on channels 1, 2, 3, at 10 mA and at selected output in channel 4.
- Synchronous or Asynchronous mode in four modes including normal, decremental, adaptive and adaptive decremental ramp
- Ramp and rate Adaptive modes
- Programmable output channel, cycle length, number of pulses, percent cycle length.

External (Sense)

- Display of sensed cycle length
- Display of cycle length or beats per minute
- Synchronization of drive train to sensed signal
- Adjustable threshold for sensing signal
- Selection of positive or negative slope for sensing signal

Sync Outputs

- BNC connectors; 3.5 V minimum, positive digital pulse.



B206276R3

bloomep.com

Contact Sales: 800-777-5345

Fischer Medical Technologies LLC 325 Interlocken Parkway, Bldg C, Broomfield, CO 80021

Fischer

Medical Technologies LLC