

Stimuplex® DIG

Art.code 4891996B



Stimuplex® Dig

Reliable, accurate peripheral nerve location



Regional Anesthesia

Helping to enhance technique and improve outcomes.

The Aesculap Academy Guidance Center

Our guidance centers provide up to date and comprehensive training programs to doctors in the field of Peripheral Nerve blocks (PNB) & Pain Management using RA techniques.

To download form , you can go to below mentioned link.
<http://www.aesculap-academy.com>

For any further detail you can visit our website - www.aamembersprivy.com
Or you can contact the following : jagdishchandra.mody@bbraun.com
contact no.: 022-66682161



PNB equipment by B. Braun

Stimuplex® Dig Nerve Stimulator combined with Stimuplex® A & Contiplex® D needles offer a versatile and fully compatible system for peripheral nerve blocks



User benefits

- One Knob operation for simultaneous current setting and measuring without using extra knob.
- Current setting & measuring at the same time without using an additional switch.
- Yellow LED indicates every current pulse.
- Impulse Amplitude 0.2–5mA Constant current, Infinitely adjustable constant Current, infinitely adjustable.
- Impulse Width 0.1ms, reliable stimulation of motor nerves without stimulation of afferent fibres (pain).
- Frequency can be selected between 1 Hz to 2 Hz for most convenient stimulation.
- Display - 3 digits from 0.00–0.99 mA, 2 digit from 1.0–5.0 mA.
- Battery - 9 Volt, Type 6LR-61 or 6F22.
- The current range of 0.2 mA – 5 mA in Stimuplex DIG is appropriate for nerve location during PNB.

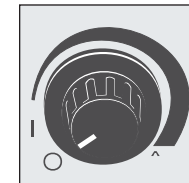


Stimuplex® Dig RC combined with Stimuplex® A or Contiplex® D needles offer a versatile and fully compatible system for peripheral nerve blocks.

Design and Functions

Current Regulator

To turn on the device, move the current regulator clockwise from "0" to "I". To increase the current, turn the dial in the direction of the arrow.



Digital Display

The digital display indicates current settings. The set value flashes when the circuit is open. It is closed when the needle is connected to the device and inserted into the patient, allowing the current impulse to flow through the patient via the skin electrode, back to the device.

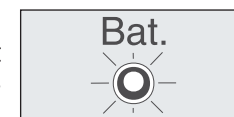


Signal Tone

Simultaneously to every current impulse you can recognize a short signal when circuit is open. On a close circuit a longer signal is heard. The frequency of the signal is proportional to the amplitude of the set current and flowing current respectively.

Red "Bat" LED

The red LED is the battery voltage check light. It should flash for a short time when the unit is switched on, but if it flashes continuously, the battery needs to be replaced.



Yellow LED

With a closed circuit this LED flashes simultaneously with each impulse and thus indicates the pulsed current (0.1 mA and up) that is flowing.



Frequency Switch

Toggle switch for switching the impulse frequency to 1 Hz or 2 Hz.



Integrated Electrode Cable

The electrode cable is firmly connected with the device.

Remote Control -Optional

Single-handed Remote Control with finger rings to be placed onto the palm under the sterile glove in order to set the required current in a sterile way.

- "Up" button: 5.0 mA final value (20 sec.)
- "Down" button: 0.2 mA initial value (20 sec.)
- Held in place via two adjustable Finger rings for ideal fixation

