

MultiStim

Nerve Stimulators
for Nerve Blocks



Dual Guidance MultiStim ECO

The MultiStim ECO nerve stimulator was developed primarily as a Dual Guidance stimulation device, however, it can also be used for stimulation-supported puncture techniques. The easy-to-use, compact device has been optimised by integrating the most frequently used functions and parameters. This makes handling fast, simple, and more cost-effective. The needle can be connected to the device with no additional patient cables required.

- Limited, easy settings
- Snap-On button
- Direct connection to the needle



Fixation Directly on the Patient

- Adhesive electrode underneath the device with a snap-on button connection
- Increased convenience



Direct Needle Connection

- No patient lead necessary
- Increased convenience



Variation of the Current Strength

- Six-level amplitude scale from 0.2 to 2.0 mA
- Arrow buttons are used for the plus/minus key



Adaptable Patient Cable (PlugX)

- Allows for fixation of the ECO away from the patient
- Extended cable length



Fixed Defined Settings

- Frequency: 1 Hz / stimulation pulsewidth: 0.1 ms

Advanced Features

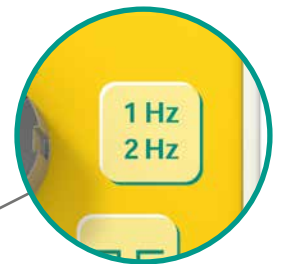
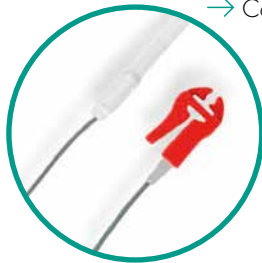
MultiStim SENSOR

With its comprehensive functions, the MultiStim SENSOR can be used for both exclusive nerve stimulation and Dual Guidance. Due to the wide range of adjustment options for the stimulation parameters, the device can also be used for patients with polyneuropathies. By using an optional monopolar stimulation handle, percutaneous nerve localisation can be performed to determine the puncture site for the needle in a patient-friendly manner. By simply pressing a button, switching from percutaneous to subcutaneous stimulation via needle is possible.

- Large and clearly arranged display
- Analog current dial
- Safety features

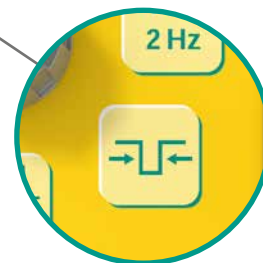
Optional Connection

- Clamp adapter for electrode
- Connector for stimulation needle



Impulse Frequency

- Frequency: 1 Hz, 2 Hz



Stimulation Pulsewidth

- Bandwidth: 0.05 ms / 0.10 ms / 0.20 ms / 0.30 ms / 0.50 ms / 1.00 ms



Monopolar Stimulation Handle

- Percutaneous nerve localization (PEG-electrode)

MultiStim

MultiStim ECO

| Product | Size | Item no. | PU |
|-------------|---|------------|----|
| Stimulator | with device case | 1151-94-50 | 1 |
| Accessories | PlugX – patient cable with plug 2.0 mm for needle and clamp adapter for electrode | 1151-94-21 | 1 |

MultiStim SENSOR

| Product | Size | Item no. | PU |
|-------------|---|------------|----|
| Stimulator | with device case and patient cable for needle, electrode connection | 1151-94-30 | 1 |
| | with device case and patient cable for needle, stimulation handle, electrode connection | 1151-94-32 | 1 |
| Accessories | Patient cable with plug 2.0 mm for needle, clamp adapter for electrode | 1151-94-13 | 1 |
| | Patient cable with plug 2.0 mm for needle, clamp adapter for electrode and connector for monopolar handle | 1151-94-14 | 1 |
| | Stimulation handle, monopolar | 1151-94-17 | 1 |



General

| Product | Size | Item no. | PU |
|-------------|--|------------|----|
| Accessories | Extension cable for connecting stimulation needles, autoclavable | 01151-861F | 10 |
| | Extension cable for connecting stimulation needles and stimulators, disposable | 01151-861Q | 10 |



SELECTION OF NERVE STIMULATORS

- ★ Specially designed for...
- Also suitable for...

| Product | Dual Guidance | Needle stimulation | Percutaneous nerve localisation |
|---|---------------|--------------------|---------------------------------|
| MultiStim ECO  | ★ | ● | |
| MultiStim SENSOR  | ● | ★ | ★ |

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