MultiStim ECO
State of the art nerve stimulation

Nerve blocks
**MultiStim ECO**

**Combined procedure**

The use of ultrasound and nerve stimulator for the identification of nerve structures established as a routine procedure, because this combination provides an additional level of safety. In this way, the imaging of the individual anatomy and the simultaneous control of the distance of the cannula to the nerve using stimulation enables an optimization of the puncture accuracy for each anaesthetist.¹

With the MultiStim ECO, PAJUNK® has added a device to its range of products of nerve stimulators that is simple to operate and suitable for combined as well as exclusive use of the stimulation technique. It is characterized in particular by the following properties:

- **Small, compact device** – complies with the requirements of combined procedures very well
- **Simple operation** – manual settings are limited to the parameters proven in practice²,³
- **No additional patient cable** – cannula is directly connected to the device

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¹ Tsui, Ultrasound-guidance and nerve stimulation: implications for ..., 2007; 54(3): 166f
² Steinfeldt et al., Nerve localization for ..., 2014; 63(7): 600
³ Meier, Buttn, Atlas der peripheren Regionalanästhesie ..., 2006; 235
The MultiStim ECO is very easy to use. The settings are adapted to standard applications as well as the intuitively operated keyboard enable one-hand operation. A keystroke is all that is necessary for activation after switching on – an additional function selection is not required.

Direct connection of a stimulation cannula (SonoPlex cannula)
Optional: Extension of the range using sterile disposable intermediate cable

**Fixed defined settings**
The frequency is predefined at 1 Hz and the stimulation pulsewidth at 0.1 ms. Due to safety reasons, stimulation is first activated or deactivated by a touch of the stimulation button.

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**Variation of the current strength**
Depending on the special requirements of an application, the current strength can be gradually set on a six-level amplitude scale from 0.2 to 2.0 mA. Arrow buttons are used for the plus/minus key.

**Fixation by an adhesive electrode**
The MultiStim ECO has a pushbutton connection on the lower side of the device and is clicked directly on the adhesive electrode. The stimulateable cannula is connected directly to the MultiStim ECO.
**MultiStim ECO**

*The system at a glance*

**MultiStim ECO**

<table>
<thead>
<tr>
<th>Product</th>
<th>Item no.</th>
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<tbody>
<tr>
<td>MultiStim ECO</td>
<td>1151-94-50</td>
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<tr>
<td>incl. instrument case</td>
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<tr>
<td>Disposable intermediate cable</td>
<td>01151-861Q</td>
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<tr>
<td>for optional extension of the connection of stimulation cannulas, 60cm</td>
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**Studies**


- Borgeat A., Capdevila X. Neurostimulation/ultrasonography: the Trojan war will not take place., Anesth. 2007 May; 106(S): 896–898