

## Biofeedback-device



... the + of control

- 2-channel device – easy to use
- Threshold-setting can be done automatically or manually
- Automatic threshold adjustment during treatment is possible
- Acoustic indication of muscular activity, visual bar graph display and numerical display on the screen
- Stand to hold the device during exercises
- Statistical analysis at the end of each treatment
- Detailed evaluation of longer treatment periods by the therapist is possible – the “Real-Time-Clock” shows the date and time of treatment data
- PC-interface via USB-fiber optic adapter (optional)
- **CE 0123**

### SineBravo is an user-friendly and inexpensive electromyography (EMG)-biofeedback device.

The term biofeedback refers to a method to perceive biological processes with the help of a technical device. The device measures physical activity – even if muscular contractions are not visible – and converts the measurements to graphic signals combined with sound-elements.

SineBravo was developed to assist the therapist and shall help patients to detect their own muscle activity. In this way, it will be possible to improve the transmission of signals via the nerves and to rebuild the muscles by patient exercises. SineBravo is a very accurate and sensitive instrument that can measure muscular activity in the range of 0,2 microvolts up to 2000 microvolts. With this broad spectrum, even very low muscle activity – maybe with weak pelvic floor muscles – can be measured. The conscious perception of individual progress by active training is a decisive advantage for this kind of therapy. SineBravo is especially suited for treatment at home.

For a detailed evaluation of treatment, software for doctors is available that covers the relevant statistical data and that can be used for graphical presentation as well.



### Technical Data:

- 2 channels
- EMG Range: 0,2 to 2000  $\mu\text{V}$  RMS
- Sensitivity: 0,1  $\mu\text{V}$  RMS
- Work/Rest-periods: 2 – 99 seconds
- Number of Trials: 1 – 99
- Physical Dimensions (mm): 142 x 74 x 35
- Weight: 270 g including batteries

### 1 Set SineBravo:

- 1 SineBravo (REF. 010E-087)
- 2 cables to connect the electrodes or the probe
- 1 cable to connect the reference-electrode
- 8 self-adhesive electrodes (40 x 40 mm)
- 1 carrying case
- 1 operators manual
- 4 batteries size AA
- 1 stand