

# Algometer



*The Algometer has several clinical and scientific applications for quantitative assessment of pain thresholds and supra threshold pain sensitivity in painful soft tissue clinical conditions, such as rheumatic diseases, occupational or traumatic muscle pain and in painful syndromes such as fibromyalgia.*

The Algometer is made of a plastic handle with a built in pressure transducer and measuring electronics. On top of the Algometer is a 2x16 character display, and 3 pushbuttons. To the Algometer also belongs a pinch handle that can be mounted on the Algometer.

## ALGOMETER FEATURES

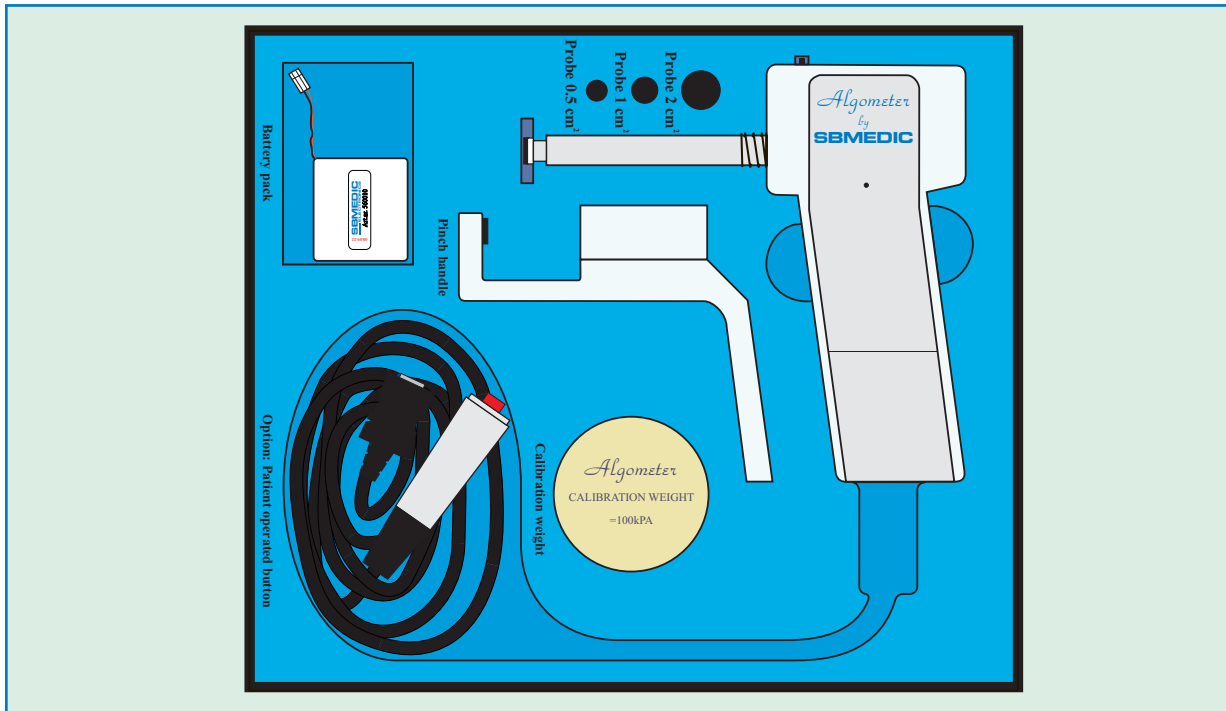
Simultaneous display of:

- Actual pressure.
- Maximum registered pressure.
- Actual pressure derivative on a bar-graph.
- Pressure derivative reference (slope).
- Applied probe area.

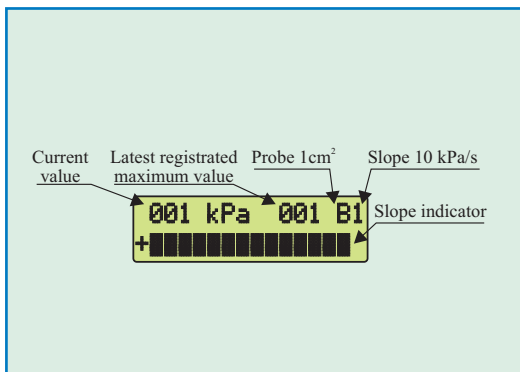
- Automatic display of maximum pressure.
- Storage of 100 pressure values incl. applied probe area and slope in a battery independent memory.
- 3 different surface area probes included in delivery. (0.5 cm<sup>2</sup>, 1.0 cm<sup>2</sup>, 2.0 cm<sup>2</sup>)
- Manual adjustment of probe area in 3 steps with automatic adjustment of registered pressure.
- Manual adjustment of slope between 10 kPa/s - 50 kPa/s in 5 steps with automatic adj. of display
- Warning signal and warning text on the display when risk for overload.
- Manual and automatic power shut off if the Algometer has not been in use for 2 min.

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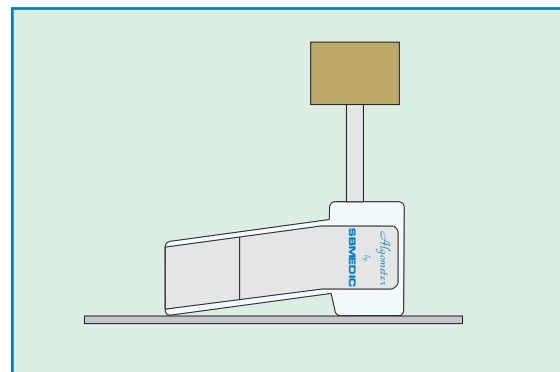
# Algometer



Leather case



Display



Calibration

## TECHNICAL DATA

### Physical

Length x Width x Depth :161 x170 x 30 mm  
Weight :460 g including battery

### Functional

Range probe 0.5 cm<sup>2</sup> :0-1000 kPa  
probe 1 cm<sup>2</sup> :0-2000 kPa  
probe 2 cm<sup>2</sup> :0-4000 kPa  
Accuracy :+/-2% of reading +2  
Maximum pressure :see range above  
Slope :10-50 kPa (+/-5%)

### Electrical

Voltage :6V =  
Continuously operating time :approx. 100 hours

Normal operating time (at 1h/day) :approx 5 months

### Included accessories

Case :1 pcs  
Probe 0.5 cm<sup>2</sup> :1 pcs  
" 1 cm<sup>2</sup> :1 pcs  
" 2 cm<sup>2</sup> :1 pcs  
Pinch handle :1 pcs  
Calibration weight :1 pcs  
Extra battery pack :1 pcs (art. no: 560010)

### Optional accessories

Probe 4 cm<sup>2</sup>  
Patient operated switch (only for countries outside EU)

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