

## A handy aid in diagnosis and follow up of pain in muscles and tendons

Independent studies indicate the importance of objective, quantitative, methods to evaluate pain sensibility in patients with fibromyalgia, tension headache and other muscle related problems. Using the ALGOMETER, the effects of physiotherapy, pharmacological treatments and other interventions can be followed and documented for clinical as well as research purposes. For the patient, the objective measurements give reassurance, confirming their improvement. For the pharmacological study, the quantitative measurement gives the required precision to properly determine and minimize sample size, while providing accurate data.



### Key application

- Determination of pain thresholds for pressure application in soft tissue, muscles and joints

### Key features

- Monitoring of the force application rate facilitates the generation of repeatable results
- Probe tips of different size give the possibility to adapt the instrument to different testing sites.

## Technical Specifications

### Intended use

Intended for investigation of deep tissue pain in muscle, tendons and joints.

### General information

Accuracy	< 5% for measurements >100kPa	
Included accessories		Range
	1 x Case	
	1 x Probe 0,5 cm <sup>2</sup>	0-4000 kPa
	1 x Probe 1 cm <sup>2</sup>	0-2000 kPa
	1 x Probe 2 cm <sup>2</sup>	0-1000 kPa
	1 x Battery pack	
	1 x Pinch handle	
	1 x Calibration weight	
Optional accessories	Probe 4 cm <sup>2</sup> Patient Response Button	0-500 kPa

### Physical characteristics

Length x Width X Depth	161 x 170 x 30 mm
Weight	460 g including batteries

### Environmental requirements

Temperature	15-30 degrees Celsius
Humidity	< 85% RH, non condensing

### Electrical requirements

Voltage	6V =
Current consumption power on	< 10 mA
Current consumption power off	< 10 uA
Continuous operating time	approx. 100 hours
Normal operating time	approx. 5 months (at 1 h/day)
Battery pack, 1 pcs	Somedic SenseLab spare part no. 20-010-0052