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

Range

Included accessories

1 x Case
1 x Probe 0,5 cm² 0-4000 kPa
1 x Probe 1 cm² 0-2000 kPa
1 x Probe 2 cm² 0-1000 kPa
1 x Battery pack
1 x Pinch handle
1 x Calibration weight

Optional accessories

Probe 4 cm² 0-500 kPa
Patient Response Button

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