

AlgoMed

Computerized Pressure Algometer

AlgoMed FPIX Technical Specifications

The Table below describes the technical specifications and capabilities of the AlgoMed FPIX system. When stated, the term 'Optional' indicates that this specific feature requires an additional license and/or hardware component



Medoc reserves the right to change specifications without prior notice, in line with the company policy of constant product improvement

1. AlgoMed FPIX

The data below is specified for FPIX 50 load cell (see details below). Load cell is interchangeable via special order. Technical specifications may vary according to load cell.

Parameter	Description
Load Cell (FPIX 50)	50 lbf (25 kgf)
Accuracy	± 0.3% F.S
Resolution	0.05 lbf (0.02 kgf)
Display	160 x 100 Graphic LCD Reversible White Backlight Selectable Brightness and Contrast
Display Update	8 per second
Tip Size	1 cm ²
Power	USB connection Rechargeable 9V NIMH battery
Battery Endurance	Up to 4 hours with backlight on high Up to 20 hours with backlight off
Battery Charge	12 hours for typical charge (21 hours for full charge)
Communication	USB
Communication with Printer	Via computer. Printer is not supplied by Medoc.
Calibration	Auto calibration

Parameter	Description
Calibration Certificate	NIST Certified
Internal Memory	500 Data Point Memory
Ambient temperature	18 to 35°C
Unit Weight	0.4 Kg (Shipping weight 5Kg)
Dimensions	70mm x 100mm x 30mm (w x h x d)
Computer Requirements	See separate specifications
Software Operating System	Microsoft® Windows XP 32-bit SP-3 or Windows 7,8
Software Language	English
Database	SQL Server Compact Edition
Database Capacity	Unrestricted (limited by computer hardware capabilities)
Stimuli Protocols	Limits (threshold, tolerance) Ramp and Hold
Rate Feedback	Audio feedback for the operator on accuracy of applied pressure change rate. Computer speakers or headphones are required (not supplied).
Reports	Outcome based color reports including built-in templates for standard reports and other comparative options.
Calibration Verification Weight	1 Kg Weight (used to verify device accuracy)
Patient Response	USB Patient Response Unit to record patient response during stimulation
CoVAS (Optional)	Computerized Visual Analog Scale (CoVAS) enables real-time recording of the subject's pain level.
Standards	EN 60601-1; EN 60601-1-2
Approvals	CE, FDA (listed)
Certificates	CB; CSA
Product Life Time	10 Years