

DIGITAL ALGOMETER PAIN DIAGNOSTIC GAGE

PAIN TEST™

FPIX ALGOMETER

- TESTS PAIN THRESHOLD
- TESTS PAIN TOLERANCE
- MONITOR TREATMENT PROGRESS
- TESTS TRIGGER & TENDER POINTS

- UNIQUE FIRM GRIP DESIGN
- LARGE 0.5" DIGITAL DISPLAY
- RECHARGEABLE 50 HOUR BATTERY
- SELECTABLE UNITS: lbf / kgf / N / ozf
- COMPUTER / PRINTER OUTPUT

CONSTRUCTION

- Compact firm aluminum housing.
- Tension and Compression
- Full 5 digit, 0.5" LCS and 5 button keypad.
- Selectable units: lbf, ozf, kgf and N units.
- Displays: LO BAT, PEAK, T, C.

OPERATION



The Wagner FPIX™ Digital Algometer provides pain diagnostic testing with the advantages of a digital force gage:

- Multi-Capacity Plug'n Play
- Data Logging via Computer Interface
- Accuracy of $\pm 0.3\%$
- Large 0.5" Digital Display
- Units - lbf / kgf / N / ozf
- 500 Data Point Memory

Pressure algometry is a **reliable measure of localized pain** in muscle, joints, tendons, ligaments and bones. The FPIX proves to the patient, health practitioner or insurance companies, the benefits of a medication, physio-therapy or manipulation being applied.

As treatment progresses, the **FPIX quantifies improvements or setbacks**. Pain threshold measurements provide unique information not obtainable by any other method. This documentation can be used for clinical and research purposes. For patients, the **objective measurements give reassurance**, confirming their improvement.

Pain Threshold - The minimum pressure



- Selectable peak sampling: 100 or 1000/sec.
- Bi-Directional RS232

computer/printer output.

- Auto-off conserves battery power.

POWER REQUIREMENTS

- Rechargeable NiMH battery for 50 hours use.
- Continuous operation with AC adapter/charger.

ACCESSORIES

- 1 cm² rubber tip, AC adapter/charger, verification hook, case, manual and NIST Calibration Certificate.
- Optional: 3" x 1 1/4" foam lined aluminum pressure pad

ACCURACY

- 0.3% of full scale.

WEIGHT & DIMENSIONS

- Instrument: 13 oz [370 g].
Shipping weight: 2 lb [1 kg].
- Dimensions: 2 3/4" [70 mm] W x 4" [100 mm] H x 1 1/4" [30 mm] D

Pressure Pad

An optional accessory used alternately or in addition to the 1 cm² rubber tip. The patient is active, pressing the foot, leg or arm against the pressure pad to evaluate pain threshold or pain tolerance.

which induces pain in tender and trigger points of tissue. The FPIX **quantitatively assesses the tenderness** over hypersensitive areas. The FPIX lower capacities are used for pain threshold testing. The lower range is appropriate for determining the minimum pressure that triggers pain at the point of interest.

Pain Tolerance - The point where a painful pressure stimulus can no longer be tolerated. The FPIX **assesses pain-pressure sensitivity of muscle** for maximum tolerated pressure. The higher capacities are used for pain tolerance testing. The wider range is necessary for comparative tests between a normal sensitivity control point and the area of interest.