

Tracker Freedom®

Wireless Algometry



Tracker Freedom Wireless Algometry provides fast, reliable computerized assessment of pain tolerance, pain threshold and joint tenderness.

Objectively measure pain sensitivity and efficiently document findings for fibromyalgia diagnosis, treatment planning, progress tracking, patient education and medicolegal cases.



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Tracker Freedom® Wireless Algometry

Objective Pain Evaluations

The Tracker Freedom Algometer makes objective pain evaluation easy and reliable.

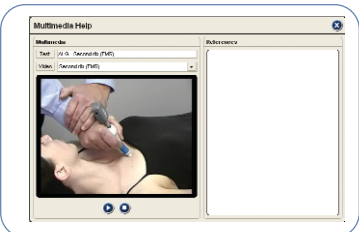
- ▶ Completely wireless algometer gives the freedom to test up to 30 feet from the computer.
- ▶ Ergonomically engineered to fit comfortably in any hand.
- ▶ Wireless enter and test-advance foot switches can be used by examiner or patient.
- ▶ Functional design gives examiner maximum visibility of test site for greater accuracy in tip placement.
- ▶ Use for both algometry and for finger strength testing.



1 cm² pressure measurement conforms to normative testing criteria. .5 cm² tip is perfect for cervical tests and concave tip accommodates finger strength testing.



Wireless enter and test advance switches allow patients to end tests instantly for more precise results.



Multimedia help videos demonstrate and explain each test.

John C. Johnson
Auto Accident
6-Week Follow Up
2/27/2005

Algometry

Fibromyalgia
The patient's pressure sensitivity was evaluated using the Tracker Algometry system from JTECH Medical. Pressure pain threshold quantifies the point when pressure applied at a constant rate becomes painful for the patient. A pressure pain threshold 2 kPa (4.8 lbf/cm²) lower than the uninvolved opposite side is an indicator of soft tissue abnormality related to tenderness. Algometry values falling below the lowest normal cutoff value can also indicate clinically significant tenderness (Peters, 1995).

Pressure Threshold
The patient's pressure pain threshold was objectively evaluated using the Tracker Algometry system from JTECH Medical. Pressure pain threshold quantifies the point when pressure applied at a constant rate becomes painful for the patient. A pressure pain threshold 2 kPa (4.8 lbf/cm²) lower than the uninvolved opposite side is an indicator of soft tissue abnormality related to tenderness. Algometry values falling below the lowest normal cutoff value can also indicate clinically significant tenderness (Peters, 1995).

Site	Left		Right	
	Mean	Std. Dev.	Mean	Std. Dev.
Neck	1.1	0.2	1.1	0.2
Shoulder	1.1	0.2	1.1	0.2
Elbow	1.1	0.2	1.1	0.2
Wrist	1.1	0.2	1.1	0.2
Hand	1.1	0.2	1.1	0.2
Forearm	1.1	0.2	1.1	0.2
Upper Arm	1.1	0.2	1.1	0.2
Lower Arm	1.1	0.2	1.1	0.2
Upper Leg	1.1	0.2	1.1	0.2
Lower Leg	1.1	0.2	1.1	0.2
Foot	1.1	0.2	1.1	0.2

Pectoralis major

Pressure Tolerance
The patient's pressure pain tolerance was objectively evaluated using the Tracker Algometry system from JTECH Medical. Pressure pain tolerance quantifies the amount of pressure the patient can tolerate over muscle and/or bone. According to Fischer (Journal of Neurological Medicine, 1995), if measured over the distal muscle and tibia, pressure tolerance provides information on pain tolerance (sensitivity) and diffuse muscle tenderness.

Customizable reports can be printed in Microsoft® Word with algometry findings, normative comparisons and progress tracking.

Revolutionary Tracker Version 5 Algometry Software Module

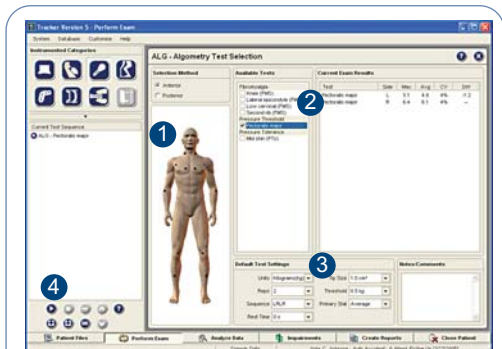
Tracker Freedom Algometry comes with our Tracker Version 5 software engine, the most advanced and user friendly software ever. This revolutionary new software makes testing quick and easy.

- ▶ Evaluate fibrositis, fibromyalgia, pain sensitivity, abdominal pain and pain relieving modalities.
- ▶ Quantify joint tenderness in arthritic conditions and identify trigger points.
- ▶ Demonstrate progress with simple and colorful patient progress charts.
- ▶ Test selection is as easy as clicking the desired test location on the body map.
- ▶ Quick-click report feature means creating meaningful and impressive reports is a snap.
- ▶ Focus on your patient and your testing technique while pleasant voice prompts walk you through the tests.
- ▶ You're in control with the unprecedented flexibility and customization that Tracker Version 5 Software provides when you want it.

The Tracker Freedom Algometry software module integrates seamlessly with other Tracker Freedom modules through the Tracker Version 5 Software Engine.



- 1) Adjust test sequence, number of reps, rest times and threshold
- 2) Pressure application pacer set at 1 kg per second
- 3) Algometer reading
- 4) Findings per repetition
- 5) Instant comparison to previous exams
- 6) Instant statistics and normative comparisons
- 7) One-click access to help videos



- 1) Click desired test location on body map
- 2) Available tests appear for that area
- 3) Set test defaults to your preferences
- 4) Push play to begin testing