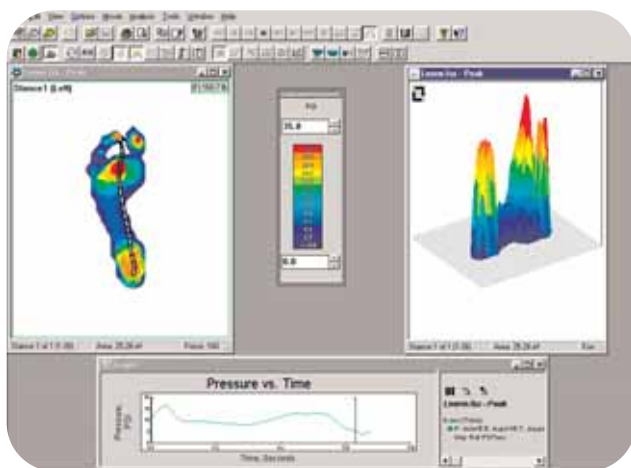




The F-Mat™

The F-Mat™ add-on option adds a pressure sensing floor mat capability to your F-Scan® or F-Scan® Mobile in-shoe pressure measurement system at an affordable price. Ideally suited for screening pressure related problems, the F-Mat empowers the clinician to see dynamic barefoot pressures with minimum effort.



Software Features include:

2-D and 3-D displays of pressure distribution, Center of Force determination, graphical analysis including: pressure vs. time, force vs. time, and peak pressure vs. time.

Using the same software and electronics provided with the F-Scan or F-Scan Mobile system, the F-Mat works seamlessly with your in-shoe system. The combined F-Scan/F-Mat System is a complete solution for plantar pressure screening and biomechanical assessment.

Applications:

- Identify pressure profile discrepancies between left and right feet
- Identify asymmetries during stance phase
- Review dynamic weight transfer and local pressure concentrations
- Monitor improvements in balance & sway, strength & weight bearing
- Perform in-depth analysis of foot function by isolating the heel, mid foot, and forefoot during stance phase

Benefits:

- Quick, easy, and accurate pressure screening device
- Improve clinical outcomes
- Combined with F-Scan, offers a complete solution with both in-shoe and platform pressure assessments

Sensor Description:

#3100

No. of Sensors

2128 sensels

Spatial Resolution

9.2 sensels/in² (1.4 sensels/cm²)

Size of Sensing Area

18 in x 12 in (461 mm x 310 mm)

Technology

Resistive

Calibration

With application of known and controlled force

Sampling Rate

120 Hz

Pressure Range

1-150 PSI