



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

PR No. 1000018664 (Rfx No. 6100001066)

Detailed Technical Specifications for Pressure Distribution Mapping System:

Data Acquisition Electronics:

- A. Data acquisition electronics scan the thousands of sensing points within each sensor.
- B. Controlling through PC

Software:

- A. Real-time snapshots
- B. Pressure distribution between two surfaces.
- C. Data and imagery of the pressure distribution are shown in real-time with the ability to take snapshot and save.
- D. Real-time display of pressure
- E. Capture a snapshot of pressure.
- F. Single or 2-point calibration
- G. Histogram display of distribution (pressure, force, area, & identify centre of force)

Sensor:

A. Working Temp up to 60degree Celsius

B. Sensor thickness less than 0.3mm

C. Matrix Width 482.1mm

D. Matrix Height 206.8mm

E. Sensel Spatial Resolution 2.3 sensel per sq.cm

F. Warranty :1 year