



**SHEET FORM: MODEL PRS-E2-M1
MULTI-POINT PRESSURE MAPPING SENSOR**



**THERMOFORM APPLICATION
CRASH TEST DUMMY HEAD**

Note: Material comes in several thicknesses suitable for thermoforming.

Applications: Originally designed for prosthetic and orthotic applications. This product can be used wherever a 2D or 3D pressure map is required.

Key Features: Sample rate dependent on number of data points. Current sensing points of 5.4 dots per square inch; low energy draw; includes conditioning module.

SPECIFICATIONS

LOAD CELL

Full Scale Capacity:	2,000 psi (10.3 Mpa)
Overload Protection:	6,000 psi (41.4 Mpa)
Zero Balance:	± 0.1%
Repeatability:	± 0.3%
Hysteresis:	± 0.5% (uncorrected)
Temperature Range:	-25°F to 140°F (-32°C to 60°C)
Force Resolution:	± 0.01% (± 0.2 psi)
Sensitivity:	>450 mV/V
Sizes:	0.006" or 0.012" or 0.020" thick x 26" wide x any length (0.1mm or 0.3mm or 0.5mm thick x 660mm wide x any length)

CONDITIONING MODULE

Supply Voltage:	4.5 to 9VDC
Output:	WiFi Wireless
A/D and D/A:	12-Bit
Signal Bandwidth:	10 Hz
Temp Range:	50°F to 140°F