

PRODUCT DESCRIPTION

The **X3** PX100:40.40.02 is a seat sensor with 1600 sensing points and unsurpassed flexibility and durability.

SENSING

Sensor Technology	Capacitive Pressure Imaging	
Pressure Range	5-50mmHg, 5-100mmHg, 10-200mmHg	
Spatial Resolution	0.5"	1.27cm
Accuracy	± 10% full scale*	

PHYSICAL CHARACTERISTICS

Total Area	27" x 27"	68.58cm x 68.58cm
Sensing Area	20" x 20"	50.8cm x 50.8cm
Thickness (Sensing Area, uncompressed)	0.04"	0.1cm
Thickness (Sensing Area, compressed)	0.03"	0.081cm
Thickness (Border – cabling side)	0.06"	0.16cm
Border Width (cabling side)	3.5"	8.89cm
Border Width (non-cabling side)	3.5"	8.89cm
Cable	42" x 2" x 0.18"	106.68cm x 5.08cm x 0.45cm
Connector	4.76" x 2.76" x 0.09"	12.1cm x 7.0cm x 2.3cm

ENVIRONMENT

Ambient Temperature	10°C - 40°C
Ambient Humidity	5% to 90% RH

REQUIREMENTS FOR OPERATION

- Each sensor must be connected to an **X3** SENSOR PACK or **X3** SENSOR PACK PRO.
- The **X3** SENSOR PACK or **X3** SENSOR PACK PRO should be connected to an **X3**, an **X3** PRO or an **X3** DISPLAY unit either directly or via an **X3** NODE.
- The **X3** and **X3** PRO configurations need to be subsequently connected to a power supply and a computer running XSENSOR software to function.

*As tested by XSENSOR's production calibration process.

