



# P200IS ATEX

## INTRINSICALLY SAFE DIGITAL MANOMETERS

Five of the Digitron manometer range can be supplied IS certified as individual units. All instruments are certified for use in inflammable or explosive atmospheres.

Certified by BASEEFA, UK's leading Intrinsic Safety approvals house, the units are classified as EEx ia IIC T4

This certification is equivalent to EN 50 014:1997 + Amendments 1&2 and EN50 020:2002. The units are ready for site use anywhere, immediately.

P200 instruments are suitable for use with non-corrosive, non-ionic liquids and gases. Liquid pressure can be measured using an air buffer.

**Case proven** their tough construction makes them extremely durable and, therefore functional in not only hazardous atmospheres but also rough environments.

### Where safety and accuracy matter

The P200IS is the best in pressure measurement technology for the user involved with dangerous environments.



### KEY FEATURES

- Certified to EEx ia IIC T4
- High accuracy
- Choice of pressure ranges
- Robust case
- Clear, digital display
- Battery life for 300 hours
- Battery low indication
- Auto range
- Case proven! Tough enclosure construction adds to durability
- Quality electronics give excellent reliability
- Easy to use

### SPECIFICATION

<b>Resolution</b>	Lo' denotes low range/high resolution 'Hi' denotes high range/low resolution
<b>Accuracy</b>	20°C to 30°C -0.1% rdg +0.1% fs + 1 digit
(Combined Hysteresis and linearity)	-10°C to 50°C -0.15% rdg +0.15% fs + 1 digit
<b>Maximum Over Pressure</b>	P200UL.is 1000mbar
(Max line pressure)	P200L.is & P200M.is 2000mbar
	P200H. is 4000mbar
	P200AH.is 4000mbar
<b>Operating Temperature (ambient)</b>	+32° to 122°F
<b>Battery Type</b>	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)
<b>Battery Life</b>	100 hours typically
<b>Display</b>	12.7mm/05" custom LCD with automatic legend display
<b>Low Battery Check</b>	BAT' shows on display
<b>Environmental Specifications</b>	IP64 Standard
<b>Dimensions</b>	140 x 70 x 26mm/5.5 x 2.8 x1.0"
<b>Weight</b>	250g/8.8oz
<b>Other Features</b>	Zero control. Engineering units show on display (Standard calibrations). Connections: push fit 4mm/0.157" I.D. 6MM/0.236" O.D. nominal, retaining nut supplied.

Model	Lo Range	Hi Range
P200 UL	0-19.99mbar	0-100mbar
P200L	0-199.9mbar	0-500mbar
P200M	0-199.9mbar	0-1000mbar
P200H	0-199.9mbar	0-2000mbar
P200AH	0-199.9mbar	0-2000mbar absolute