



**INTRINSECALLY SAFE**

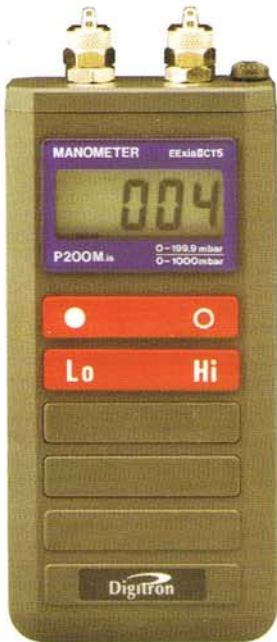
## P200 IS - PRESSURE

### INTRINSECALLY SAFE DIGITAL MANOMETERS

Five of the Digitron manometer ranges can be supplied IS certified, as individual units or in kit, for inflammable or explosive atmospheres. The units are ready for site use anywhere immediately.

MODEL	LO GAMMA	HI GAMMA
P200UL	0-19.99 mbar	0-100 mbar
P200L	0-199.9 mbar	0-500 mbar
P200M	0-199.9 mbar	0-1000 mbar
P200H	0-199.9 mbar	0-2000 mbar
P200AH	0-199.9 mbar absolut	0-2000 mbar absolut

TECHNICAL FEATURES	
RESOLUTION:	"Lo" / "Hi" range resolution
ACCURACY:	0.2% f.s. (15 to -25°C/59 to +77°F) (Combined hysteresis and linearity): 0.3% f.s. (0 to -15°C, 25 to -50°C/32 to +59°F, 77°F +122°F)
MAXIMUM OVER PRESSURE:	P200UL.is 1000 mbar P200L.is & P200M.is 2000 mbar P200H.is 4000 mbar P200AH.is 4000 mbar
OPERATING TEMPERATURE (AMBIENT):	0°C to +40°C / 32°F to +104°F
BATTERY TYPE:	1 9V 6F22 (PP3S) or equivalent zinc chloride IEC
BATTERY LIFE:	300 hours approx
DISPLAY:	12.7 mm/0.5" model LCD with automatic legend
LOW BATTERY CHECK:	"BAT" shows on display
ENVIRONMENTAL SPECIFICATIONS:	IP64 standard
DIMENSIONS:	140 x 70 x 26 mm / 5.5 x 2.8 x 1.0"
WEIGHT:	250 gr / 8.8 oz
OTHER FEATURES:	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.



- Certified to EEx ia IIC T4 by ATEX (UK's leading Intrinsic Safety approvals house)
- EN50 014:1997 + Amendments 1 & 2 EN50 020:2002
- Use with non-corrosive, non-ionic liquids and gasses
- Liquid pressure using an air buffer

## 3208 IS - TEMPERATURE

### INTRINSECALLY SAFE DIGITAL THERMOMETER

This instrument is certified for use in flammable or explosive atmospheres. Its tough construction makes it extremely durable and therefore functional, not only in hazardous atmospheres, but also in hostile working environments.

### EX - WHERE SAFETY IS CRITICAL

Certified by ATEX, the UK's leading Intrinsic Safety approvals house, the unit is classified as EEx ia IIC T4. This certification is equivalent to EN 50 014:1997 & Amendments 1&2 and EN50 020:2002. It is ready for site use anywhere immediately.

The Kit includes: thermometer and thermocouple K with 1 mt cable

TECHNICAL FEATURES	
RESOLUTION:	1°C / 0.1°C
ACCURACY:	0.1°C resolution ±0.3% rdg ±0.5°C 1°C resolution ±0.2% rdg ±1°C
OPERATING TEMPERATURE (AMBIENT):	0°C to +40°C / +32°F to +122°F
BATTERY TYPE:	1 9V PP3 Style zinc chloride IEC style 6F22 or equivalent
BATTERY LIFE:	1000 hours approx
DISPLAY:	12.7mm/0.5" LCD
LOW BATTERY CHECK:	"BAT" shows on display
SENSOR OPEN CIRCUIT:	°C or °F showed on display
ENVIRONMENTAL SPECIFICATIONS:	BSS5490: IP64 standard (available IP66)
DIMENSIONS:	140 x 70 x 26mm/5.5 x 2.8 x 1.0"
WEIGHT:	250 gr / 8.8 oz