

Digitron offer 4 Pressure units that are ATEX Certified. All 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 EN60079-0:2004 and EN50020:2002. 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 instrument for the user working in dangerous environments.

General Specification

Resolution:	'Lo' denotes low range/high resolution 'Hi' denotes high range/low resolution
Accuracy (Combined Hysteresis and linearity):	20°C to 30°C -0.1% rdg +0.1% fs + 1 digit -20°C to 50°C -0.15% rdg +0.15% fs + 1 digit
Maximum Over Pressure (Max line pressure):	P200UL.is 1000mbar P200L.is & P200M.is 2000mbar P200H. is 4000mbar
Operating Temperature (ambient):	-20.C° to +50°C (-4.F° to +122°F)
Battery Type:	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)
Battery Life:	100 hours typically
Display:	12.7mm/05" custom LCD with automatic legend display
Low Battery Check:	'BAT' shows on display
Environmental Specifications:	IP64 Standard
Dimensions:	140 x 70 x 26mm/5.5 x 2.8 x1.0"
Weight:	250g/8.8oz
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.



P200 IS Model

For other options, please contact us digitronsales@rototherm.co.uk or +44 (0)1656 740551

Key Features and Benefits

- Certified to EEx ia IIC T4
- High accuracy
- Choice of pressure ranges
- Robust case
- Clear, digital display
- Battery life for 300 hours

Main Applications

A **world leader** in digital manometers, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Flammable and/or explosive atmospheres

Model Specification

Model Options	Lo Range	Hi Range
P200UL	0-19.99mbar	0-100mbar
P200L	0-199.9mbar	0-500mbar
P200M	0-199.9mbar	0-1000mbar
P200H	0-199.9mbar	0-2000mbar

Technical Certification

- Certificate of Conformity
- Factory Test Certificate
- Factory Calibration Certificate

Export Documentation

- Certificate of Origin
- EUR1
- ATR

Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



ISO9001:2015
FM11958

