

## P200 IS Series

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

<b>Resolution:</b>	'Lo' denotes low range/high resolution 'Hi' denotes high range/low resolution
<b>Accuracy (Combined Hysteresis and linearity):</b>	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
<b>Maximum Over Pressure (Max line pressure):</b>	P200UL.is 1000mbar P200L.is & P200M.is 2000mbar P200H. is 4000mbar
<b>Operating Temperature (ambient):</b>	-20.C° to +50°C (-4.F° 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.



**P200 IS Model**

For other options, please contact us [digitronsales@rototherm.co.uk](mailto: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

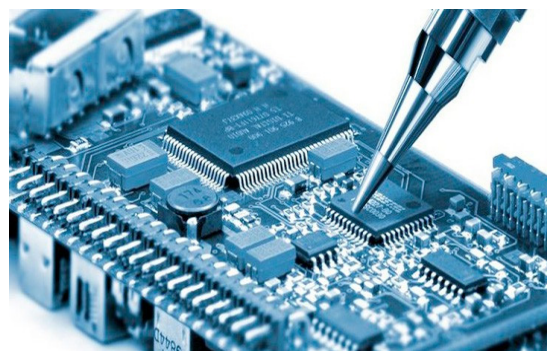
- Certificate of Conformity
- Factory Test Certificate
- Factory Calibration Certificate

## 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



For more information, please contact our service team  
[digitronservice@rototherm.co.uk](mailto:digitronservice@rototherm.co.uk)