

**3208 IS Model**

These instruments are certified **for use in flammable or explosive atmospheres**. Their tough construction makes them extremely durable and therefore functional, not only in hazardous atmospheres but also hostile working environments.

**ATEX – where safety is critical.** The 3208 IS Digital Thermometers represent the best in temperature measurement technology for use in dangerous environments.

**Certified by BASEEFA**, the 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. In common with other Digitron hand-held instruments, the 3208 IS is cased to last: the distinctive Digitron case protects the instrument in the toughest environments.

## General Specification

<b>Resolution:</b>	0.1°C or 1°C
<b>Accuracy:</b>	0.1°C resolution: 0.2% reading + 0.5°C (-50°C to +199.9°C) 1°C resolution: 0.2% reading + 1° C (-50°C to +950°C)
<b>Operating Temperature (ambient):</b>	-20 to +50°C
<b>Temperature range:</b>	Low -50°C to +199.9°C High -50°C to +950°C
<b>Battery Type:</b>	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)
<b>Battery Life:</b>	100 hours typical
<b>Display:</b>	12.7mm/0.5 custom LCD with automatic legend display
<b>Low Battery Check:</b>	'BAT' shows on display'
<b>Sensor Open Circuit:</b>	°C displayed
<b>Environmental Specifications:</b>	BS5490:IP64 standard
<b>Dimensions:</b>	140 x 70 x 26mm/55 x 2.8 x 1.0
<b>Weight:</b>	250g/8.8oz
<b>Available Probes:</b>	K0234IS - 100mm Shaft , General Purpose Probe (Supplied as standard) K0234SDI – 300mm Shaft, General Purpose Probe K0454IS – 100mm shaft , Surface Probe


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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
- Highly Accurate
- Tough enclosure construction adds to durability
- Quality electronics give excellent reliability
- Easy to use

## Main Applications

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



Flammable and/or explosive atmospheres

## Technical Certification

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

## Export Documentation

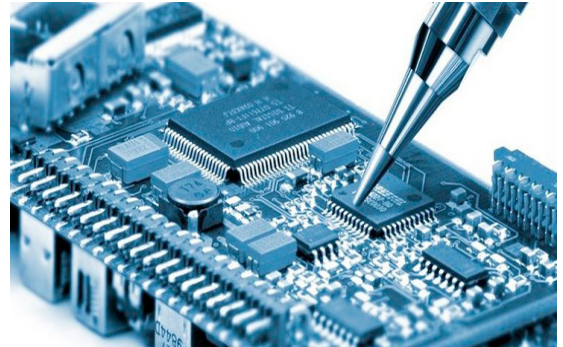
- Certificate of Origin
- EUR1
- ATR

## 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



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