

3208 IS Model

The 3208IS Thermometer & Probes are Category 1 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.

General Specification

Resolution:	0.1°C or 1°C
Accuracy:	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) Excluding Probe Error – Refer to IEC 60584 2013
Operating Temperature (ambient):	-20 to +50°C
Temperature range:	Low -50°C to +199.9°C High -50°C to +950°C
Battery Type:	9V PP3 Style zinc chloride IEC style 6F22 (Type PP3S or equivalent)
Battery Life:	100 hours typical
Display:	12.7mm/0.5 custom LCD with automatic legend display
Low Battery Check:	'BAT shows on display'
Sensor Open Circuit:	°C displayed
Environmental Specifications:	BS5490:IP64 standard
Dimensions:	140 x 70 x 26mm/55 x 2.8 x 1.0
Weight:	250g/8.8oz
Available Probes:	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 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

