

Our BL3 *Bimetallic Thermometers* are designed for accurate **surface** temperature measurement with a **compact, reliable, robust** design and built for **industrial** purposes.

General Specification

Nominal Size:	65 mm x 13 mm depth
Case & Bezel:	304 SS
Dial:	Non-ferrous metal clearly marked to BS3693
Window:	Standard Glass or Max Pointer
Mounting:	Spring or Magnet
Connection:	None
Accuracy:	Class 2.0 ($\pm 2.0\%$ FSD)
Over Range Protection:	1.3 x FSD (130%)
Weight:	0.5 kg.
Extras:	Hanging Clip
Models:	BL301: Spring Mount BL302: Magnetic Mount BL302H: High Temperature Magnetic Mount



BL3 Model



BL301 Model



BL302 Model



BL302H Model

Main Applications

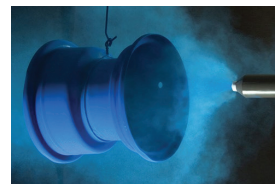
A **world leader** in temperature gauges, Rotherm has become the standard for accurate and reliable measurement across the following industries:



Food Industry, Dairies
& Breweries



Ovens, Dryers &
Tanks



Paint Spraying &
Powder Coating



Chemical,
Petrochemical &
Pharmaceutical



Heating & cooling
Systems & Pipework

Bimetallic Thermometers

Ordering Information

BL301 Spring Mount Bimetallic Thermometer	STANDARD →	BL301	G	040	C6
Model	BL301 (Spring Mount)	BL301			
Window	Standard Glass		G		
	Max Pointer		M		
Pipe Diameter	10 – 15 mm			010	
	15 – 25 mm			015	
	25 – 40 mm			025	
	40 – 50 mm			040	
	50 – 65 mm			050	
	65 – 75 mm			065	
	75 – 90 mm			075	
	90 – 100 mm			090	
	100 – 115 mm			100	
	115 – 150 mm			115	
	150 – 175 mm			150	
	175 – 190 mm			175	
	190 – 200 mm			190	
	200 – 215 mm			200	
	215 – 225 mm			215	
Temperature Range	225 – 240 mm			225	
	240 – 250 mm			240	
	250 – 265 mm			250	
	265 – 280 mm			265	
	-30 TO 60 C				C1
	10 TO 120 C				C5
	0 TO 160 C				C6
100 TO 300 C				C10	
0 TO 400 C				C11	
0 TO 400 C & F				D11	
<i>(For non-standard ranges, please contact us)</i>					

BL302 Magnet Mount Bimetallic Thermometer	STANDARD →	BL302	G	C6	N
Model	BL302 (Magnet Mount)	BL302			
Window	Standard Glass		G		
	Max Pointer		M		
Temperature Range	-30 TO 60 C				C1
	10 TO 120 C				C5
	0 TO 160 C				C6
	100 TO 300 C				C10
<i>(For non-standard ranges, please contact us)</i>					
Hanging Clip	Yes				Y
	No				N

BL302H High Temperature Magnet Mount	STANDARD →	BL302H	G	C11
Model	BL302H (High Temp Magnet Mount)	BL302H		
Window	Standard Glass		G	
Temperature Range	0 TO 400 C			C11

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

Technical Certification

- Certificate of conformity
- Factory Test Certificate

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

Export Documentation

- Certificate of Origin
- EUR1
- ATR



For more information, please contact our service team
services@rototherm.co.uk