MODELS- 2042, 2043, 2047 Series

Rigid Stem Bi-Metal Stainless Steel Thermometer

A high technical specification and range of standard features make this thermometer the obvious choice for process and engineering applications. Bi-Metal Thermometers with Rigid Stems are suitable for measuring and monitoring temperatures directly from the source of the heat. Bi-Metal Thermometers are often used in Chemical and Allied Industries such as Offshore Oil & Gas where the atmosphere is corrosive, and severe due to weather conditions.

STANDARD SPECIFICATION
Rigid Stem Bi-Metal Stainless Steel Thermometer
(Weatherproof Construction to IP66)

Temperature element
Bi-Metal System

Case
316 Stainless Steel Weatherproof Construction

Bezel
316 Stainless Steel

Dial
White Anodised Aluminium (Black Printing)

Pointer
Black Aluminium

Stem
Stainless Steel (Dia 6,8,10,12mm) (Length 100mm to 1000mm)

Window
Sheet Glass

Standard Size
63, 100, 150 mm

Accuracy class

<table>
<thead>
<tr>
<th>Range °C</th>
<th>Accuracy</th>
<th>Range °C</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20 to 80</td>
<td>+3%</td>
<td>-90 to 100</td>
<td>+3%</td>
</tr>
<tr>
<td>0 to 80</td>
<td>+3%</td>
<td>0 to 250</td>
<td>+3%</td>
</tr>
<tr>
<td>0 to 160</td>
<td>+3%</td>
<td>0 to 500</td>
<td>+3.5%</td>
</tr>
<tr>
<td>0 to 200</td>
<td>+3%</td>
<td>0 to 600</td>
<td>+3.5%</td>
</tr>
<tr>
<td>0 to 300</td>
<td>+3%</td>
<td>0 to 700</td>
<td>+3.5%</td>
</tr>
</tbody>
</table>

Note: Other accuracies available on request
(Consult our sales team for details)

Scale Range
-50 up to 600 deg C.

Thermowells See separate data sheet for details.

Optional Extras
- Pointer: Slot adjustable Black Finish.
- Window: laminated Safety Glass / Perspex.
- Thermowells: to user specification.
- Additional Variations: On request

Ordering Parameters, Please state the following:
SIZE, MODEL NO, SCALE RANGE, CONNECTION, & OPTIONAL EXTRAS

Note: Specifications and dimensions in this leaflet, are subject to change without prior notice.
Rigid Stem Bi-Metal Stainless Steel Thermometer

**Model 2047**
Direct Mounted - Rear Connect

**Model 2042**
Direct Mounted - Bottom Connect

**Model 2043**
Flush Mounted Screw Fix - Rear Connect

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**Rigid Stem Thermometer Dimensions**

<table>
<thead>
<tr>
<th>Dial Size/mm</th>
<th>Case Matl</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>Cut out</th>
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</thead>
<tbody>
<tr>
<td>63</td>
<td>SST</td>
<td>70</td>
<td>36</td>
<td>62</td>
<td>20</td>
<td>75</td>
<td>85</td>
<td>3.8</td>
<td>66</td>
</tr>
<tr>
<td>100</td>
<td>SST</td>
<td>112</td>
<td>48</td>
<td>99</td>
<td>26</td>
<td>115</td>
<td>132</td>
<td>4.2</td>
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<tr>
<td>125</td>
<td>SST</td>
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<td>48</td>
<td>115</td>
<td>30</td>
<td>137</td>
<td>159</td>
<td>5.2</td>
<td>121</td>
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<tr>
<td>150</td>
<td>SST</td>
<td>173</td>
<td>48</td>
<td>159</td>
<td>26</td>
<td>178</td>
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<td>165</td>
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