

NEW HIGH TEMP CS SERIES TEMPERATURE CALIBRATION SOURCES

A simple to use, cost effective system for on site calibration of thermometers at higher temperatures, to comply with quality standards such as ISO9000.

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|  | <p>3.1 x 130mm 5.0 x 130mm 6.2 x 118mm 6.2 x 130mm 6.2 x 130mm 8.2 x 130mm 10.2 x 130mm</p> <p>Probe hole dimensions (front)</p> |  | <p>2.0 x 45mm 2.0 x 45mm 3.5 x 30mm 3.5 x 45mm 3.5 x 45mm 3.5 x 45mm</p> <p>Probe hole dimensions (rear)</p> |
| <p>CS350 & CS650 front of unit</p> | <p>CS350 & CS650 rear of unit</p> | | |

(Customised hole diameters may be available)

The High Temperature CS Series comprises of 2 dry block sources for calibration with a PID temperature control system and a pocket for a reference thermometer. Model CS350 feature a range of +30.0 to +350.0°C and models & CS650 feature a range of +30.0 to +650.0°C.

Each model can display temperature in °C or °F and includes an RS232 output as standard with an option for USB.

For precision accuracy checking over a wider range, a calibrated high temperature reference thermometer is recommended.

| Specification | CS350 | CS650 |
|-----------------------------|---|---|
| Range | + 30.0 to + 350.0 °C | + 30.0 to + 650.0 °C |
| Resolution | 0.1°C or 0.1°F | 0.1°C or 0.1°F (1°F above 1000°F) |
| Accuracy | 30 to 200°C ±0.5°C Over 200°C ± 1 °C | 30 to 200°C ±0.7°C Over 200°C ± 1.5 °C |
| Stability | Better than 0.1 °C | Better than 0.1 °C |
| Heating times (to max temp) | 15 mins | 25 mins |
| Cooling | Natural cooling | Natural cooling |
| Power supply † | 100V to 240 VAC | 100V to 240 VAC |
| Operating temp. | +5 to +40°C | +5 to +40°C |
| Dimensions (L x W x H) | 253 x 180 x 208mm | 253 x 180 x 208mm |
| Weight | 5 Kg | 6 Kg |

† UK 3 pin plug to IEC mains cable supplied as standard. European 2 pin option available – please specify.



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