


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.

	CS350/650 probe hole dimensions (front)	CS 350/650 probe hole dimensions (rear)
	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	2.0 x 45mm 2.0 x 45mm 3.5 x 45mm 3.5 x 45mm 3.5 x 45mm

(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.

Contact the sales department and ask for information on complementary instrumentation

Eg. Portable thermometers (contact and infrared), manometers and multimeter temperature/pressure probes. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.