

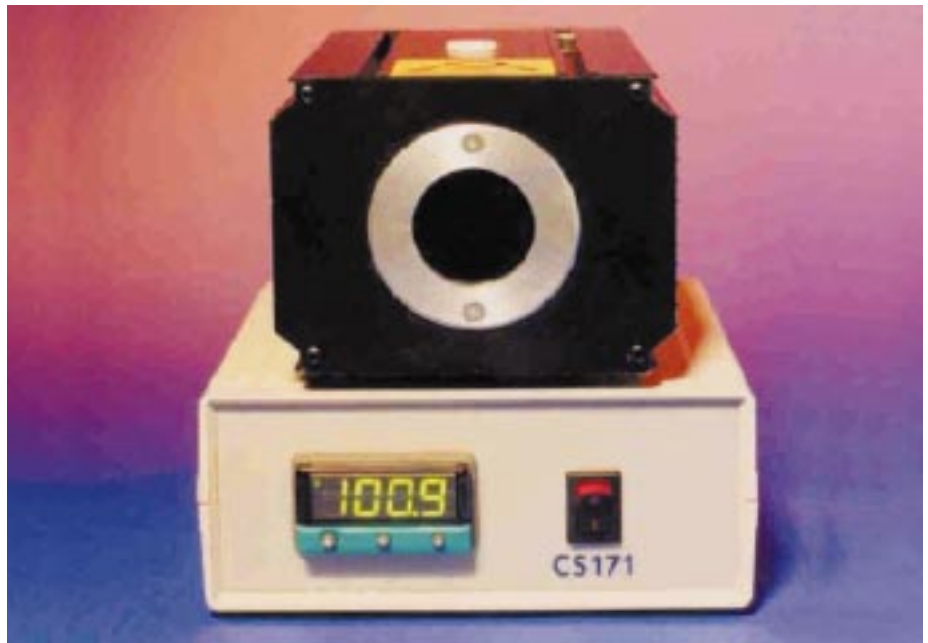
# Convir CS Series Contact and Non-Contact Temperature Calibrators

- ◆ Temperature ranges from 40°C below ambient to +300°C
- ◆ Calibrates both contact and non-contact temperature sensors
- ◆ Accuracy  $\pm 0.1$  °C
- ◆ Emissivity  $> 0.95$

The CS Series of calibration instruments offers blackbody sources with which to calibrate infrared temperature sensors, and also pockets in which to check contact sensors.

These units offer wide temperature ranges at which to check and calibrate sensors. This includes a low temperature model which can operate down to 40 °C below ambient.

The CS Series offers several diameters of pockets in which to check contact sensors from 2.0 mm to 8.5 mm, with other dimensions available upon request.



## GENERAL SPECIFICATIONS

	CS171	CS172	RT161
<b>Temperature Range</b>	+30.0 to +200.0°C	40°C below ambient to +75°C	-35.00 to +199.99°C
<b>Resolution</b>	0.1°C	0.1°C	0.01°C
<b>Accuracy (with precision thermometer)</b>	$\pm 0.1$ °C	$\pm 0.1$ °C	Thermometer: $\pm 0.02$ °C $\pm 0.01$ % Probe: $\pm 0.03$ °C $\pm 0.07$ %
<b>Emissivity</b>	$> 0.95$	$> 0.95$	N/A
<b>Power supply</b>	220 V AC	220 V AC	9 V DC

## ACCESSORIES

- ◆ Mains Adapter
- ◆ System Calibration Certificate - traceable to National Standards



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