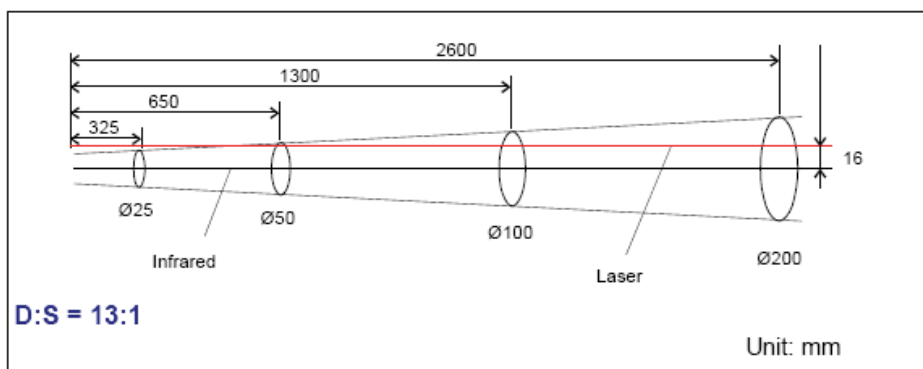


Convir ST8833 Handheld Infrared Thermometer with Thermocouple Input

- Temperature range from -50°C to 800°C
- Input for type K thermocouple
- Adjustable emissivity
- High and low alarms
- Built-in laser sighting
- Narrow 13:1 field of view
- Backlit display with Data Hold
- °C/°F switchable
- Auto power off

DISTANCE (D) TO SPOT SIZE (S)



The Convir ST8833 is a professional, low cost, handheld infrared thermometer with an input for a type K thermocouple. This sensor measures from -50°C to 800°C with 0.1°C resolution in infrared operation, and from -50°C to 1370°C in thermocouple operation.

This model's infrared sensor offers a 13:1 field of view, laser sighting and adjustable emissivity from 0.10 to 1.00.

Adjustable high and low alarms are provided, to enable the quick identification of critical temperatures.

Readings can be taken in °C or °F, and when the trigger is released the last measurement is held for 7 seconds before the unit automatically turns off.

This rugged unit will operate in ambient temperatures from 0°C to 50°C and is powered by a standard PP3 9 V battery.

GENERAL SPECIFICATIONS

Temperature Range	-50°C to +800°C
Accuracy	±1.5% of reading
Display	3.5 digit LCD with backlighting
Display Resolution	0.1°
Response Time	Less than 1s
Emissivity	Adjustable 0.10 to 1.0
Field-of-view	13:1
Spectral Range	8 to 14 µm
Thermocouple Temperature Range	-50°C to +1370°C
Thermocouple resolution	0.1° up to 200°, 1° over 200°
Power Off	Automatic shut off after 7 seconds
Ambient Temp. Range	0°C to 50°C
Relative Humidity	10% to 90% RH operating, <80% storage
Power	PP3 9 V battery
Weight	290 g
Dimensions	230 x 56 x 100 mm



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