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.