

# Convir FTK Fixed Mount Infrared Temperature Calibration Checker

- ◆ Accurately check calibration of infrared temperature sensors
- ◆ Compact and portable for use anywhere
- ◆ Complete kit comes with carrying case, mounting support and power supply

The Convir FTK provides a quick and accurate way to check the calibration of infrared temperature sensors.

This rugged and portable unit is designed to provide fast calibration checks anywhere they are needed, from the factory to the workshop or laboratory.

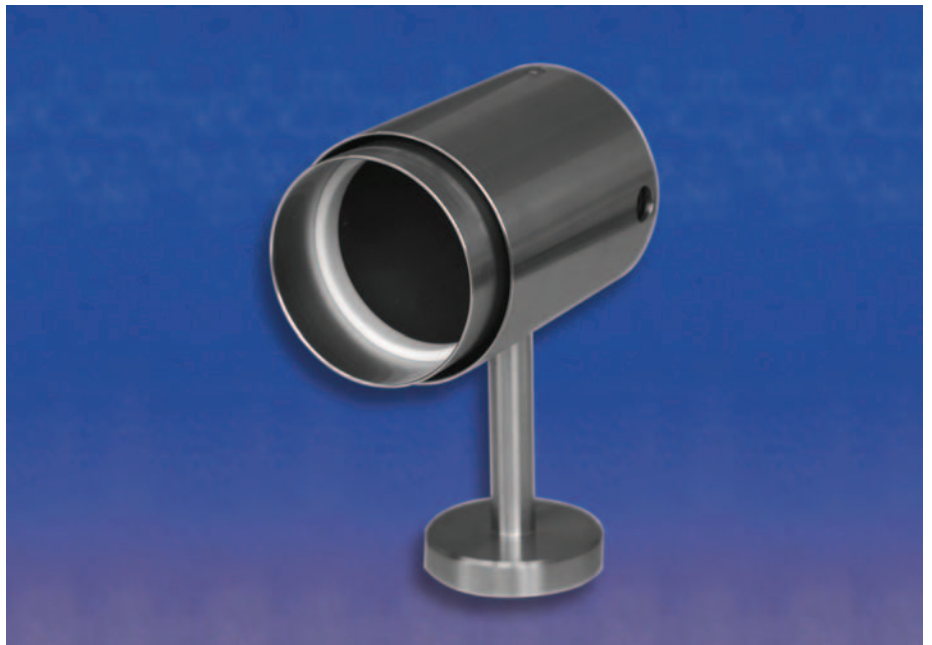
Four models are available; offering target temperatures from 60°C or 140°C, all providing outstanding stability with less than  $\pm 0.2^\circ\text{C}$  drift at an ambient temperature of 20°C.

Each model takes approximately 12 minutes to heat and stabilise at the desired temperature, and uses a clear LED to show when it has reached that temperature.

The low cost FTK models can be used with any infrared temperature sensor that is able to measure between 60°C and 140°C, and can focus on a target area less than  $\varnothing 50.8$  mm.

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## GENERAL SPECIFICATIONS

<b>MODEL</b>	FTK 60 / FTK 95 / FTK 120 / FTK 140
<b>Target temperature</b>	60°C / 95°C / 120°C / 140°C
<b>Emissivity</b>	$\epsilon = 0.98 \pm 0.004$ (for 8 to 14 $\mu\text{m}$ )
<b>Target area</b>	$\varnothing 50.8$ mm
<b>Accuracy</b>	$\pm 0.2^\circ\text{C}$ at 23°C ambient temperature
<b>Heat up time</b>	Approximately 12 minutes
<b>Power requirements</b>	24 V DC, maximum 1 A
<b>Power supply</b>	230 V AC
<b>Safety class</b>	IP 50
<b>Dimensions</b>	65 mm x 94 mm (diameter x length)
<b>Weight</b>	0.87 kg

## TEST SETUP

