

# Pocket Infrared Thermometers



OS685, £100, shown actual size.

- ✓ Conveniently Clips Into Your Pocket Like a Pen
- ✓ -20 to 500°C (-4 to 932°F) Temperature Range
- ✓ PC Software and Cable Included (Model OS685U Only)
- ✓ High Accuracy and USB Repeatability
- ✓ Fast Response Time
- ✓ Displays Min, Max, Avg and Current Temperatures
- ✓ Narrow Field of View
- ✓ Laser Sighting (Model OS685LU Only)

The ultra compact OS685 has been specifically designed to fit into your pocket, just like a pen, so that you can carry it with you anywhere you go.

You simply aim, press the SCAN button and read the temperature immediately. No fuss. No need to focus and no special training.

The OS685 is particularly useful for test, inspection and maintenance applications in such diverse industries as food and beverage, automotive, plastics and rubber,

textiles, paper and packaging, chemicals and pharmaceuticals, HVAC, electrical, asphaltting, plus many others.

Each unit comes with additional functions such as maximum, minimum and average temperature measurements. It can be LOCKED into the ON position if continuous measurements are required. The last measured value can also be held for those situations where it is not easy to see the display while measuring.

## Specifications

**Temperature Range:** -20 to 500°C (-4 to 932°F)

**Accuracy:** ±1% of reading or ±1°C, whichever is greater

**Emissivity:** Fixed at 0.95 (adjustable for OS685LU)

**Repeatability:** ±0.5% of reading or ±0.5°C (0.9°F), whichever is greater

**Response Time:** 500 msec (95% response)

**Spectral Response:** 8 to 14 microns

**Ambient Temperature Range:** 0 to 50°C (32 to 120°F)

**Display :** 3½ digit LCD

**Power Source:** Two "AAA" alkaline batteries (included)

**Reading:** °C or °F, SCAN/HOLD/MAX/MIN/AVE

**Display Resolution:** 0.1° up to 199.9°, 1° above 200°

**Optical Resolution:** 10:1

**Relative Humidity:** 10 to 95% non-condensing

**Dimensions:** 163 x 27 x 16 mm (6.4 x 1 x 0.6")

**Weight:** 50 g (1.8 oz) without battery

**CAUTION! – This product is not intended for medical use or use on humans**

**MOST POPULAR MODEL HIGHLIGHTED!**

## To Order (Specify Model Number)

Model No.	Price	Description
<b>OS685</b>	<b>£100</b>	Handheld infrared thermometer
<b>OS685L</b>	<b>120</b>	OS685 with laser sight
<b>OS685R</b>	<b>140</b>	OS685L with USB & Software

Comes with 2 "AAA" batteries and operator's manual.

**Ordering Example:** OS685L, pocket infrared pyrometer with laser sight, £120 .

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