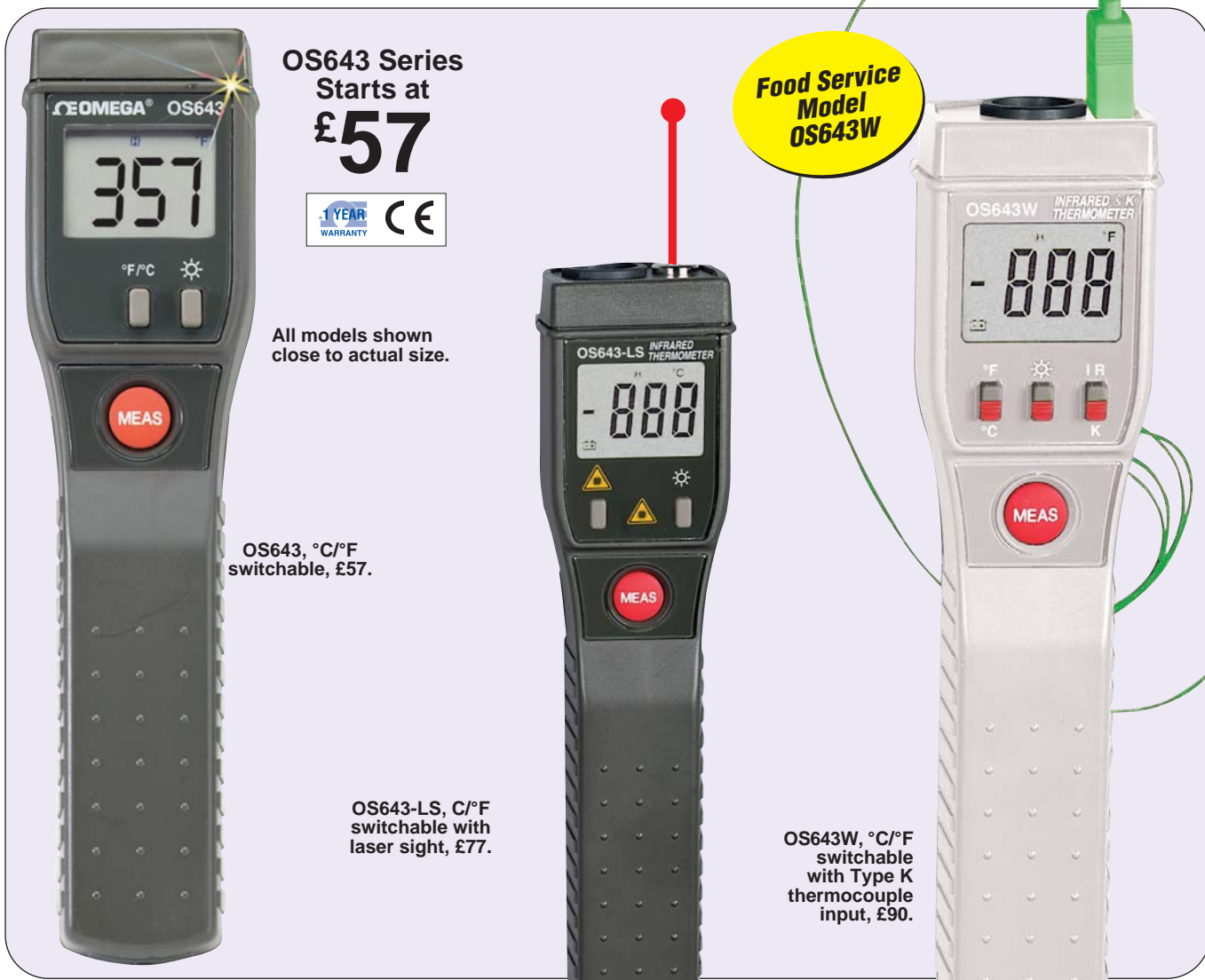


Stick Type Infrared Pyrometers

Combination! Contact and Non-Contact (IR) Food Service Model with Type K Input



OS643 Series Starts at **£57**



All models shown close to actual size.

OS643, °C/°F switchable, £57.

OS643-LS, C/°F switchable with laser sight, £77.

Food Service Model OS643W

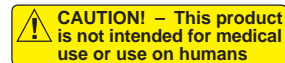
OS643W, °C/°F switchable with Type K thermocouple input, £90.

OS643/OS643-LS °C/°F Switchable

Detection Element: Thermopile
 Sighting: Laser marker 1 mW
 Backlit LCD Display
 Analog Output: 1 mV/°C/°F
 Emissivity: 0.95, accuracy ± 3%
 Temperature Range: 0 to 260°C (0 to 500°F)

OS643W

Switchable from IR to T/C
 Temperature Range:
 IR: -18 to 260°C (0 to 500°F)
 T/C: -50 to 1093°C (-58 to 2000°F)
 Accuracy: IR: ± 3% rdg
 T/C: ± 0.3% rdg + 2°F
 Analog Output: 1 mV/°C/°F
 Emissivity: 0.95
 Detection Element: Thermopile



Accessories

| To Order (Specify Model Number) | | |
|---------------------------------|-------|---|
| Model No. | Price | Description |
| MN2400 | £2 | Extra "AAA" alkaline battery |
| CAL-3-IR | 90 | Traceable calibration certificate (with test results) |
| STICK-CABLE | 6 | Analogue output cable |

Come with soft vinyl carrying case, 4 "AAA" alkaline batteries and operator's manual. OS643W comes with beaded wire Type K thermocouple.

High Temperature Infrared Pyrometers (-20°C to 400°C)

Some with Adjustable Emissivity (0.10 to 1.00)



OS643E °C/°F switchable, £84.

All models shown close to actual size.



OS643E-LS °C/°F switchable with laser sight, £97.

OS643E / OS643E-LS Infrared Thermometer °C/°F Switchable

- Detection Element: Thermopile
- Sighting: Laser marker 1mW
- Backlit LCD Display
- Emissivity: Adjustable 0.10 to 1.00
- Temperature Range: -20°C to 400°C (-4°F to 752°F)

The OMEGA® OS640 series IR's without adjustable emissivity have an analog output that can be interfaced to recorders/dataloggers such as the RD101A recorder. (See Section S for additional information).



RD101B, \$1465, shown smaller than actual size, see section S.

Common Specifications

- Basic Accuracy: °C: ±3% or ±3°C (whichever is greater) °F: ±3% or ±5.5°F (whichever is greater)
- Sensor: Thermopile
- Resolution: 1°
- Dimensions: 170 H x 44 W X 40 mm D (6.7 x 1.8 X 1.6")
- Weight: 160 g (5.5 oz)

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



Selection Guide

ALL MODELS AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | | | | |
|---------------------------------|----------|----------|-------------------------|-------------------------|-------------------------------|
| Model No. | OS643 | OS643-LS | OS643E | OS643E-LS | OS643W |
| Price | £57 | £77 | £84 | £97 | £90 |
| Backlit LCD | ✓ | ✓ | ✓ | ✓ | ✓ |
| Resolution (counts) | 1999 | 1999 | 1999 | 1999 | 1999 |
| Laser guide (5mW) | | ✓ | | ✓ | |
| Emissivity (E) | 0.95 | 0.95 | Adjustable 0.10 to 1.00 | Adjustable 0.10 to 1.00 | 0.95 |
| Range C° | 0 to 260 | 0 to 260 | -20 to 400 | -20 to 400 | IR: 0 to 260; TC: -50 to 1300 |
| Range F° | 0 to 500 | 0 to 500 | -4 to 752 | -4 to 752 | IR: 0 to 500; TC: -58 to 2000 |
| Auto hold | ✓ | ✓ | ✓ | ✓ | ✓ |
| Auto power-off | ✓ | ✓ | ✓ | ✓ | ✓ |
| Analog output 1 mV/°C or °F | ✓ | ✓ | | | ✓ |

Comes with soft vinyl carrying case, 4 "AAA" alkaline batteries and operator's manual.

Ordering Example: OS643E-LS, infrared pyrometer °C/°F switchable with laser light, CAL-3-IR, Traceable calibration certificate, and STICK-CABLE, £97 + 90 + 6 = £193.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters