

# Non-Contact Temperature Probes

## ±1% Reading Accuracy Economical Infrared Measurement Kit

### OS-500 Series



- ✓ Handheld Infrared Probe and Electronics Unit with Integral Cable
- ✓ Direct Temperature Readout on a Multimeter or Recorder
- ✓ Linear 1 mV per Degree Analog Output
- ✓ Complete with Battery and 10 High Emissivity Target Labels

### Specifications

**Range:** 0 to 260°C (0 to 500°F)  
**Response Time:** 1 sec  
**Sensitivity:** 1°  
**Accuracy:** ±1% rdg  
**Repeatability:** ±½% rdg  
**Emissivity:** 0.95, fixed  
**Min. Target Size:**  
 6.35 mm @ 19.05 mm (¼" @ ¾")  
**Target to Distance Ratio:**  
 3:1 beyond 19.05 mm (¾") distance  
**Measurement Distance:** 6.35 mm (¼") minimum, 152.4 mm (6") maximum  
**Spectrum:** 8 to 14 microns  
**Power:** 9 V battery (included)  
**Battery Life:** 200 hrs  
**Dimensions, Probe:**  
 31.8 diameter x 152 mm L (1.25 x 6")  
**Dimensions, Power Supply Unit:**  
 63.5 H x 30.5 W x 114.3 mm D (2.5 x 1.2 x 4.5")

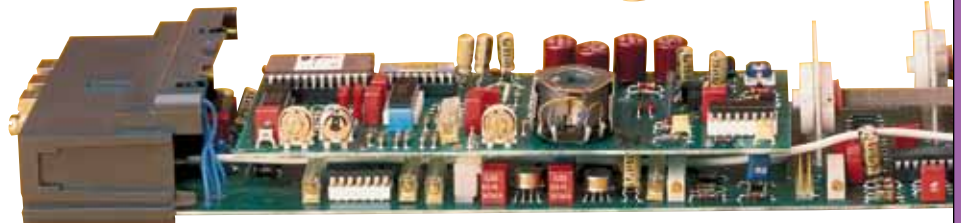


OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.



HHM16 multimeter with test leads included.

OS-500-HHM16-KIT-F.



To Order	
Model No.	Description
OS-500F*	Probe/electronics with 1 mV/°F output
OS-500C*	Probe/electronics with 1 mV/°C output
OS-500-HHM16-KIT-C	OS-500C* with HHM16 DMM and rugged RCC-1000 carrying case
OS-500-HHM16-KIT-F	OS-500F* with HHM16 DMM and rugged RCC-1000 carrying case
SC-600	Soft carrying case
OS-500-STAND	Universal position stand
MN1604	9 Vdc alkaline battery

Comes with OS-500F, probe, 9V battery, HHM16, digital multimeter and operator's manual.

\* OMEGACARE<sup>SM</sup> available for models OS-500F and OS-500C only.

**Note:** Only HHM16 is CE marked.

**Ordering Example:** OS-500-HHM16-KIT-F, complete kit. OCW-3 OMEGACARE<sup>SM</sup> extends standard 1-year warranty to a total of 4 years.