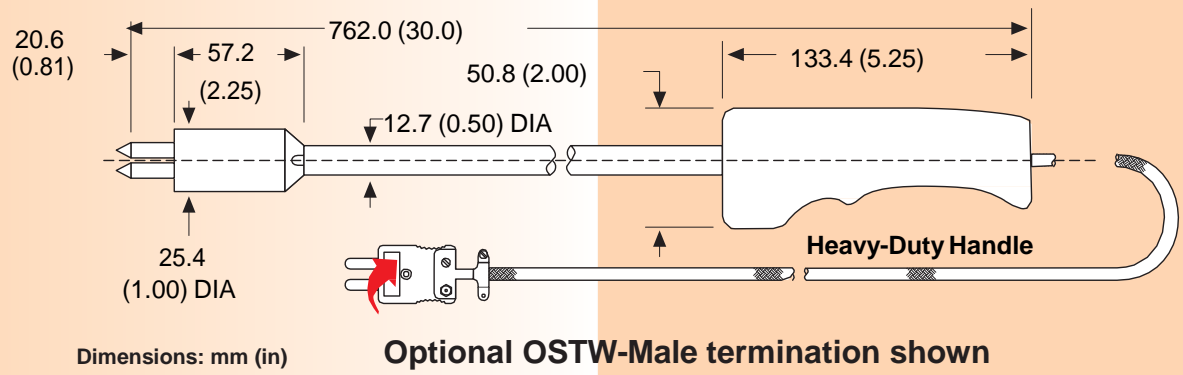


High Temperature Probes

Foundry Probe



Type K, CHROME[®]-ALOMEGA[®]
Thermocouple Elements
Measures Hot Metal Surfaces
Rated up to 1260°C (2300°F)
Extra Heavy Duty Design
6 mm (¼") Diameter Contact Elements
Works with High Temperature Impedance
Type K Temperature Readouts
Rugged, Heavy Duty Aluminum Handle



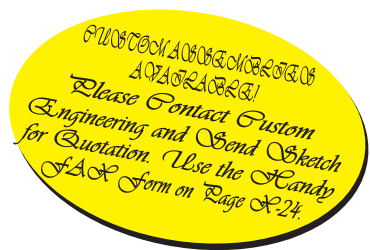
Specifically designed for use where surface temperatures reach up to 1260°C (2300°F) and rough handling is routine, OMEGA's foundry probe uses large, heavy duty tips that can penetrate surface slag to measure the true temperature of the casting. The surface to be measured must be electrically conductive. The lead wires are 16-gage stranded wire with high temperature insulation and stainless steel overbraiding for added protection.

Will not work with analog display systems requiring 10 or 15 input impedance.

Specifications

- Calibration:** Type K, CHROME[®]-ALOMEGA[®]
- Maximum Temperature:** 1260°C (2300°F)
- Contacts:** 6 mm (¼") pointed
- Lead Wire:** 1.8 m (6'), stainless steel overbraiding
- Probe Length:** 762 mm (30")
- Handle:** Rugged Aluminum, type HDX

Note: Probe tips must contact measurement surface for accurate readings.



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)		
Model Number*	Price	Description
SP-HF-K-6.0		Spade lugs termination
SP-HF-K-6.0-OST-M		OSTW male connector termination
SP-HF-K-6.0-OGP-M		OGP male connector termination

Ordering Example: SP-HF-K-6.0-OST-M, high temperature foundry probe, Type K, 6" long with an OSTW male standard size connector.

Note: Probe Tips Must Contact Measurement Surface for Accurate Readings



Surface Probes with Retractable Cable and Miniature Connector Termination



OMEGA's High Temperature Surface Probe features a thermocouple alloy spring-loaded sensing element to ensure consistent readings. The 300 mm (12") probe comes with an SMPW Male Connector termination and a 0.3 mm (1') retractable sensor cable (stretches to 1.5 m (5')). Available in thermocouple Types J, K, or E, the HPS-HT probe can measure temperatures up to 1100°C (2000°F), Type K only.

Tried and True System Shown!

HPS-HT Series

All Models



**Measures Temperature up to 1100°C (2000°F)
K, E, or J Calibrations
SMPW Miniature Male Connector Termination**

Specifications
Maximum Short-term Temperature Rating:
 Type K: 1100°C (2000°F)
 Type E: 870°C (1600°F)
 Type J: 760°C (1400°F)
Maximum Handle Temperature:
 70°C (160°F)
Length: 300 mm (12") (custom lengths available)
Cable: 300 mm (1') Retractable, stretches to 1.5 m (5'); miniature thermocouple (SMPW) connector

Probe shown with model HH-26K Handheld Thermometer. For complete details on this meter, and hundreds of others, see Sections "J", "L" and "Q".



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)		
Model Number	Price	Description
HPS-HT-K-12-SMPW-M		High temperature surface probe, Type K
HPS-HT-E-12-SMPW-M		High temperature surface probe, Type E
HPS-HT-J-12-SMPW-M		High temperature surface probe, Type J

Ordering Example: HPS-HT-K-12-SMPW-M, high temperature surface probe, Type K, 300 mm (12') long with an SMPW miniature connector.



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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

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

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• Heaters

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