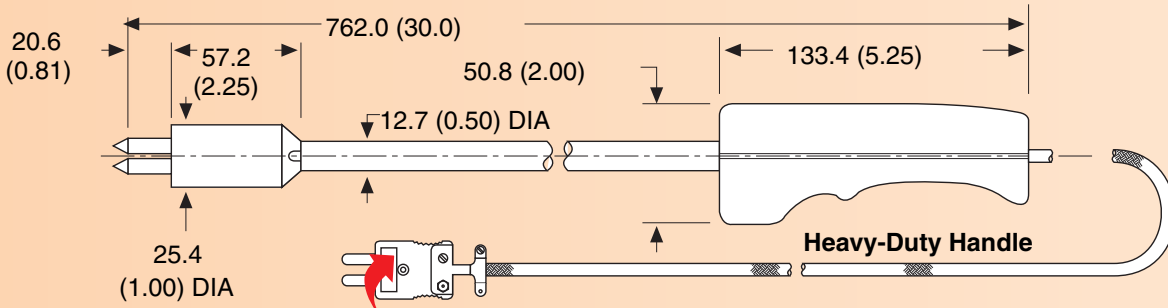
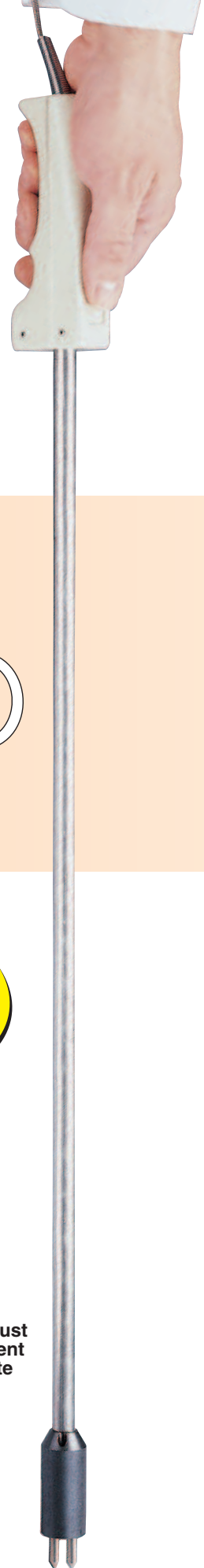


High Temperature Probes

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

SP-HF-K-6 Series
Starts at
\$213



Dimensions: mm (in)

Optional OSTW-Male termination shown

Specifically designed for use where surface temperatures reach up to 1260°C (2300°F) and rough handling is routine, NEWPORT'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.

CUSTOM ASSEMBLIES AVAILABLE!
Please Contact Custom Engineering and Send Sketch for Quotation. Use the Handy FAX Form on Page X-24.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)		
Model Number*	Price	Description
SP-HF-K-6.0	\$213	Spade lugs termination
SP-HF-K-6.0-OST-M	218	OSTW male connector termination
SP-HF-K-6.0-OGP-M	221	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, \$218.

Note: Probe Tips Must Contact Measurement Surface for Accurate Readings

Surface Probes with Retractable Cable and Miniature Connector Termination



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

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
\$115
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

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)		
Model Number	Price	Description
HPS-HT-K-12-SMPW-M	\$115	High temperature surface probe, Type K
HPS-HT-E-12-SMPW-M	115	High temperature surface probe, Type E
HPS-HT-J-12-SMPW-M	115	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, \$115.

