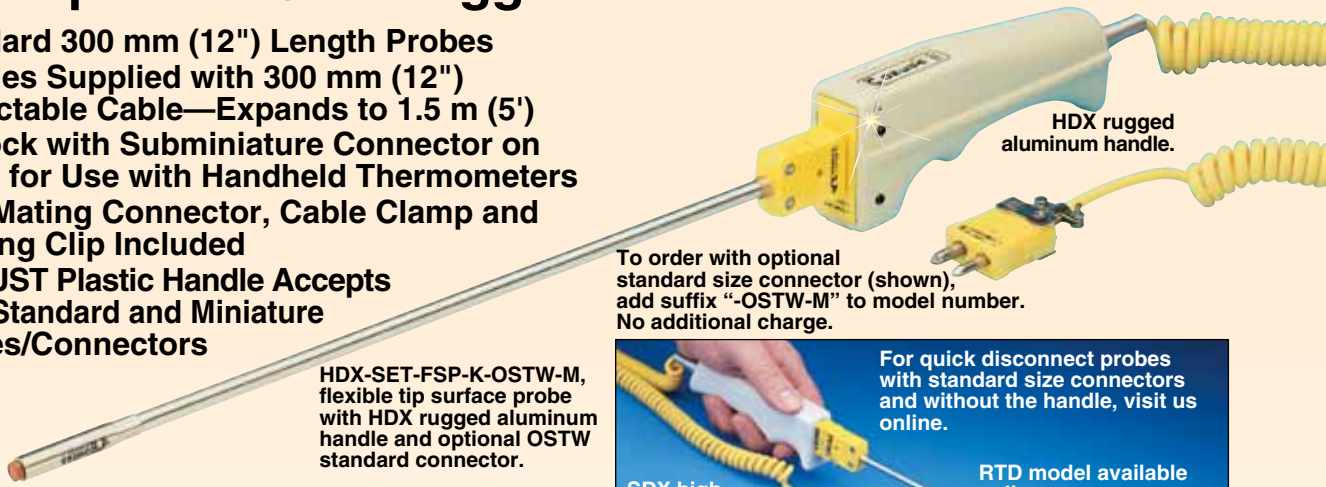


Quick Disconnect Handle/Probe Sets

High Impact ABS or Rugged Aluminum

- ✓ Standard 300 mm (12") Length Probes
- ✓ Handles Supplied with 300 mm (12") Retractable Cable—Expands to 1.5 m (5')
- ✓ In Stock with Subminiature Connector on Cable for Use with Handheld Thermometers
- ✓ Free Mating Connector, Cable Clamp and Locking Clip Included
- ✓ SDX-UST Plastic Handle Accepts Both Standard and Miniature Probes/Connectors



HDX-SET-FSP-K-OSTW-M, flexible tip surface probe with HDX rugged aluminum handle and optional OSTW standard connector.

To order with optional standard size connector (shown), add suffix "-OSTW-M" to model number. No additional charge.

For quick disconnect probes with standard size connectors and without the handle, visit us online.

RTD model available online.

SDX high impact plastic handle with retractable cable and miniature connector (included).



Stock!
304 SS Sheath Probes Available Off-the-Shelf! For Other Materials, Consult Sales

General Purpose Probe



General purpose immersion probe, 300 mm (12") long, grounded junction, 3 mm ($\frac{1}{8}$ ") OD, 304 SS sheath. Rated to 900°C (1650°F).

Model Number ANSI Color Code	Handle Type
SDX-SET-GP-(*)-SMP	SDX high impact plastic
HDX-SET-GP-(*)-SMP	HDX rugged aluminum

* Specify calibration Type: J, K, E or T.

Penetration Probe



Conical tip for insertion into soft and semi-frozen material. 300 mm (12") long, grounded junction, 4.5 mm ($\frac{3}{16}$ ") OD 304 SS. Tip rated to 900°C (1650°F).

Model Number ANSI Color Code	Handle Type
SDX-SET-NP-(*)-SMP	SDX high impact plastic
HDX-SET-NP-(*)-SMP	HDX rugged aluminum

* Specify calibration Type: J, K, E or T.

Air Probe



Exposed thermocouple element protected by 4.5 mm ($\frac{3}{16}$ ") OD 304 SS sheath. Drilled end exposes bead to airflow for fast measurements. Constant diameter for easy insertion or mounting into duct work. 300 mm (12") long. Rated to 870°C (1600°F).

Model Number ANSI Color Code	Handle Type
SDX-SET-AP-(*)-SMP	SDX high impact plastic
HDX-SET-AP-(*)-SMP	HDX rugged aluminum

* Specify calibration Type: J, K, E or T.

Ordering Example: HDX-SET-AP-K-SMP, handle/probe set consisting of an HDX aluminum handle and a 300 mm (12") air probe, both in Type K thermocouple. The HDX handle has 1' of RSC cable (stretches to 5'), and a miniature SMP thermocouple connector.

Fast Response Probe



Special reduced diameter 1.5 mm ($\frac{1}{16}$ ") tip designed for fast response. Rugged 3 mm ($\frac{1}{8}$ ") OD, grounded junction, 304 SS sheath. Tip rated to 900°C (1650°F). 300 mm (12") long.

Model Number ANSI Color Code	Handle Type
SDX-SET-RT-(*)-SMP	SDX high impact plastic
HDX-SET-RT-(*)-SMP	HDX rugged aluminum

* Specify calibration Type: J, K, E or T.

Flexible Tip Surface Probe



Flexible tip conforms to most surfaces for fast, repeatable, accurate measurements. Made from RTV silicone rubber for good thermal contact. 6 mm ($\frac{1}{4}$ ") OD 304 SS sheath. 8 mm ($\frac{5}{16}$ ") OD, overall. Tip rated to 260°C (500°F).

Note: subjecting sensor tip to temperatures above 315°C (600°F) will result in tip damage. 300 mm (12") long.

Model Number ANSI Color Code	Handle Type
SDX-SET-FSP-(*)-SMP	SDX high impact plastic
HDX-SET-FSP-(*)-SMP	HDX rugged aluminum

* Specify calibration Type: J, K, E or T.

* Rated temperature is dependent on thermocouple type, sheath diameter and environment.

Special Application Tip Probes

Quick Disconnect and Integral Handle Styles

Made from Special Limits of Error Material

MEETS OR EXCEEDS
SPECIAL LIMITS
OF ERROR (SLE)
AND EN 60584-2:
Tolerance Class 1



General Purpose QD Probes eg; KQSS-18U-12, and Utility, Molded Handle Probes; eg: JHSS-18U-RSC-18, Are Available

QD probes have a standard size quick disconnect termination, and can be used with either SDX type ABS plastic or HDX type rugged aluminum handles.

QD-NP-K-316G-12 penetration probe shown with SDX-UST-K-SMP-M handle.

**Rated temperature is dependent on thermocouple type, sheath diameter and environment.*



QD probes feature a quick disconnect connector, and are supplied with mating connector and cable clamp.



HPS probes feature an ABS plastic handle and retractable cable permanently attached to the probe.

- ✓ Perfect for Handheld Meters
- ✓ 300 mm (12") Probe Length Standard
- ✓ Quick Disconnect Probes Supplied with Mating Connector, Cable Clamp and Locking Clip
- ✓ Handle Probes have 300 mm (12") Retractable Cable
- ✓ Cable—Expands to 1.5 m (5')
- ✓ SMP Miniature Male Connector Termination Standard/Molded with Strain Relief or SMPW

SDX Series handle shown is sold separately.

Penetration Probe



Model No.	Probe Type
QD-NP-(*)-316G-12	Quick Disconnect
HPS-NP-(*)-316G-12	Integral Handle

Conical tip for insertion into soft and semi-frozen material. Made from 4.5mm (3/16") OD 304 SS. 300 mm (12") length, grounded junction. Tip rated to 900°C (1650°F).

Flexible Tip Surface Probe



Model No.	Probe Type
QD-FSP-(*)-14E-12	Quick Disconnect
HPS-FSP-(*)-14E-12	Integral Handle

Flexible tip conforms to most surfaces for fast, repeatable, accurate measurements. Made from RTV silicone rubber for good thermal contact. 6 mm (1/4") OD 304 SS sheath. 300 mm (12") length, exposed junction. Tip rated to 260°C (500°F). Note: subjecting sensor tip to temperatures above 315°C (600°F) will result in tip damage.

Fast Response Probe



Model No.	Probe Type
QD-RT-(*)-18G-12	Quick Disconnect
HPS-RT-(*)-18G-12	Integral Handle

Special reduced diameter 1.5 mm (1/16") tip designed for fast response. Rugged 3 mm (1/8") OD 304 SS sheath. 300 mm (12") length, grounded junction. Tip rated to 900°C (1650°F).

Air Probe



Model No.	Probe Type
QD-AP-(*)-316E-12	Quick Disconnect
HPS-AP-(*)-316E-12	Integral Handle

Exposed element protected by 4.5 mm (3/16") OD 304 SS sheath. Drilled end exposes bead to airflow for fast measurements. Constant diameter for easy insertion or mounting into duct work. 300 mm (12") length, exposed junction. Rated to 870°C (1600°F).

** Specify calibration Type: J, K, E, or T. Custom assemblies available! † Other lengths and diameters are also available. Consult Custom Engineering for details.*

Ordering Example: HPS-RT-K-18G-12, reduced tip fast response probe, type K, integral handle style.