

Thermistor Probes

Series "400" For Use with Heavy-Duty HDX Handle

All models shown
smaller than actual size.

Aluminum
die-cast handle.

Retractable
cable.

**HDX-OST Series
Handle**
(Probe not included)

The HDX handle must have an uncompensated OST connector and copper extension cord. For use with thermistor probes. See newportUS.com



General Purpose Probe

THX-400-GP-12*

The THX-400-GP probe used with an HDX handle is ideal for general purpose immersion measurement in gases and liquids. Made from a rugged 3.0 mm ($\frac{1}{8}$ ") OD 304 stainless steel sheath 3 m (10') long, the probe will adapt to most process applications. A high precision 44033 thermistor element is used ($2252 \Omega @ 25^{\circ}\text{C}/75^{\circ}\text{F}$), which provides $0.1^{\circ}\text{C}/^{\circ}\text{F}$ interchangeability and a temperature range of -40 to 100°C (-40 to 212°F).



Air Probe

THX-400-AP-12*

The THX-400-AP is designed for HVAC applications. The small diameter sheath and radiant energy shield easily fit into duct work, grilles and vents. The probe will work with the HDX handle or can be permanently mounted using OMEGALOK® compression fittings. Made from a rugged 4.8 mm ($\frac{3}{16}$ ") OD 304 stainless steel sheath 3 m (10') long, the tip is perforated to expose the thermistor bead to air flow for fast, accurate measurements. The 44033 precision thermistor element is rated up to 100°C (212°F).



Penetration Probe

THX-400-NP-12*

The THX-400-NP probe used with an HDX handle will easily pierce soft and semi-frozen material as well as soil and sand. Made from a rugged 3.1 mm ($\frac{1}{8}$ ") OD 304 stainless steel sheath 3 m (10') long. A high precision 44033 thermistor element is used which provides $0.1^{\circ}\text{C}/^{\circ}\text{F}$ interchangeability and a temperature range of -40 to 100°C (-40 to 212°F).

SPECIAL ASSEMBLIES AVAILABLE!

*Other thermistor elements, sheath lengths and configurations are available upon request. Consult Custom Engineering for quotation.