

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 Omega™ HDX handle must have an uncompensated OST connector and copper extension cord. For use with thermistor probes. See omega.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 $0.1^\circ\text{C}/\text{F}$ 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 Omega™ 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 $0.1^\circ\text{C}/\text{F}$ 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.