

Digi-SENSE® Thermistor Probes with Integral Handle

These thermistor probes are specially designed for soil, liquid, air, or surface temperature applications. Use with any meter that accepts Digi-Sense or YSI 400-series probes. All probes are accurate to $\pm 0.2^\circ\text{F}$ from 32 to 150°F ($\pm 0.1^\circ\text{C}$ from 0 to 70°C). For tolerances outside of this range, see Thermistor Tolerances chart on page 2070.

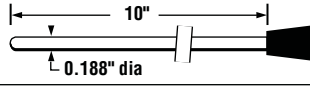

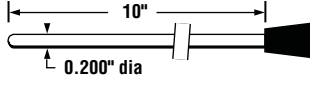

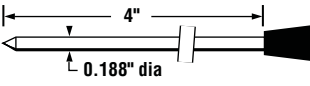

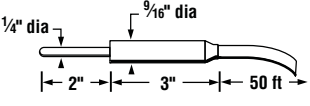

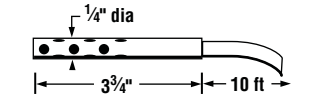

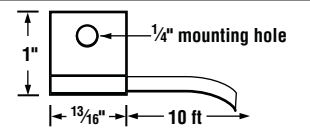

All integral-handle probes include a 5-ft coiled cable with 1/4" phone plug. All permanent, special-purpose probes (except 93823-00) include a vinyl-covered 10-ft lead with 1/4" phone plug. Do not expose lead wires and phone plugs to temperatures over 212°F (100°C).



Digi-SENSE®

For compatible instruments, see pages 2024–2029

Specifications & Ordering Information

Catalog number	Description	Temperature range	Time constant	Price	Dimensions	Photo
Integral-handle probes with sturdy 5.25"L glass-filled nylon handle						
K-93824-00	General-purpose immersion probe, 316 SS sheath	-22 to 212°F (-30 to 100°C)	4 seconds			
K-93824-12	General-purpose PTFE coated 316 SS probe	-22 to 212°F (-30 to 100°C)	7 seconds			
K-93824-30	Penetration probe, 316 SS sheath	-22 to 212°F (-30 to 100°C)	6 seconds			
Special-purpose probes (longer lead lengths are available by special order, please call our Application Specialists)						
K-93823-00	Deep water/soil probe. Weighted and insulated for continuous use underwater. Probe is rubber-coated 316 SS with waterproof PVC over Teflon-covered 50-ft lead.	-22 to 212°F (-30 to 100°C)	5 seconds			
K-93823-05	Air/gas probe. Exposed element is in a perforated protective shield. Sheath is 316 stainless steel.	-22 to 212°F (-30 to 100°C)	2 seconds			
K-93823-01	Surface temperature probe. Epoxy covered sensor is in a screw-mount 1/4" thick aluminum housing. Easy to mount on flat surfaces.	-22 to 212°F (-30 to 100°C)	8 seconds			

[K-17001-06](#) NIST-traceable certificate for thermistor probe. Includes four test points across range

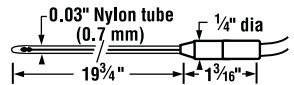

YSI® 500-Series Miniature Flexible Thermistor Probes

Use with any meter that accepts YSI 500-series probes—includes a conversion chart to convert meter reading to actual temperature. All probes are accurate to $\pm 0.2^\circ\text{F}$ from 32 to 150°F ($\pm 0.1^\circ\text{C}$ from 0 to 70°C). For tolerances outside of this range please see the introduction section on page 2070. The 10-ft, vinyl-covered shielded lead withstands temperatures to 158°F (70°C).

500

For compatible instruments, see pages 2024–2029.

Specifications & Ordering Information

Cat. no. (YSI no.)	Description	Temperature range	Time constant	Price	Dimensions	Photo
K-08456-02 (555)	Nontoxic nylon-coated probe. Feeds through 17-gauge thin-wall hypodermic needles. Not autoclavable; electrically isolated (nondetachable lead).	32 to 158°F (0 to 70°C)	0.2 second			
K-08457-02 (554)	Nontoxic Teflon®-insulated probe with Teflon tubing and partially exposed thermistor. Not autoclavable; electrically isolated.	32 to 158°F (0 to 70°C)	0.2 second		