

700 Series Thermistor and Probes

High accuracy Digital Thermometer is microprocessor based and accepts interchangeable probes.

- Model 700MC Range -1.00 to 60.99°C
- Model 700MF Range 30.20 to 141.78°F
- Resolution .01°C/°F
- Accuracy $\pm 0.03^{\circ}\text{C}$ ($\pm 0.06^{\circ}\text{F}$)
- Large 0.33" LED display
- Rechargeable Battery Pack Powered

Apply the latest technological advances to laboratory and field work with Wahl's exceptionally sensitive and stable Model 700M Thermistor Heat-Prober. With a resolution of 0.01°C/°F and matching sensitivity, the 700M features $\pm 0.03^{\circ}\text{C}$ accuracy over a range of -1 to 60.99°C. Available with five precision interchangeable probes (below). The meter design is similar to platinum meter Model 392M Heat-Prober described on page 5.

For complete specifications refer to 392M, page 6.



700MC Meter with LN0253 Screw-in Immersion Probe

Specifications

Temperature range	-1.00° to 60.99°C (30.20 to 141.78°F)	Drift (per year)	$\pm 0.02^{\circ}\text{C}$ (0.04°F)
Meter accuracy	$\pm 0.03^{\circ}\text{C}$ (.06°F)	Interchangeability (probe to probe)	0.10°C (0.18°F)
System accuracy	$\pm 0.15^{\circ}\text{C}$ (0.27°F) when meter and probe are calibrated separately	Readout	0.33 in. high LED
		Battery Life	8 Hrs.
or:	$\pm 0.04^{\circ}\text{C}$ (0.07°F) when meter and probe are calibrated together	Recharge time	8 Hrs.



700M THERMISTOR METER INTERCHANGEABLE PROBES

Probe Description

LN0255 Immersion Probe For liquid and semi-solids. Stainless steel. For foods, chemical, pharmaceutical and laboratory work. 0.1°C interchangeability, 6" long stem, .125" diameter for 12" length option, order LN0255-12. 1.0 Second response time*.

LN0255A Immersion Probe With .05°C interchangeability, .250" diameter.

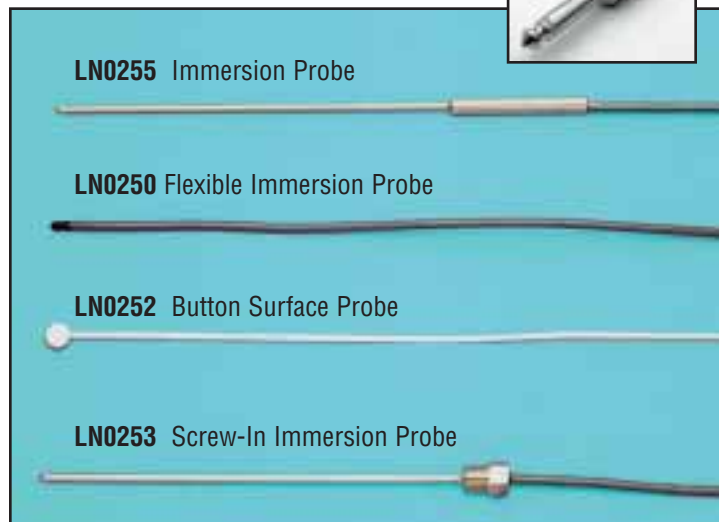
LN0250 Flexible Immersion Probe Vinyl sheath and .135" diameter epoxy tip. Small and flexible. 3.6 Second response time*.

LN0252 Button Surface Probe Solid .375" diameter button can be attached with pressure sensitive adhesive tape or epoxy. Stainless steel contact surface. 1.1 Second response time*.

LN0253 Screw-In Immersion Probe For measurements in pipes, vessels or reactors. 3.6 Second response time*. Stainless steel shank with 1/8" NPT fitting, 6" standard stem length, 12" option, order LN0253-12.

*Response time is based on 63% in water moving at 3 feet per second.

Probes are supplied with 5 foot cord and plug to mate with meter



Calibration Services Available

(800) 421-2853 • FAX (828) 658-0728 • www.palmerwahl.com

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