

# 700 Series Thermistor and Probes

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

- **700MC Meter** Range -1.00° to 60.99°C
- **700MF Meter** Range 30.20° to 141.78°F
- Resolution .01°C/°F
- Accuracy ±0.03°C (±.06°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 ±0.03°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

<b>Temperature range</b>	-1.00° to 60.99°C (30.20° to 141.78°F)	<b>Drift (per year)</b>	±0.02°C (0.04°F)
<b>Meter accuracy</b>	±0.03°C (.06°F)	<b>Interchangeability (probe to probe)</b>	0.10°C (0.18°F)
<b>System accuracy</b>	±0.15°C (0.27°F) when meter and probe are calibrated separately	<b>Readout</b>	0.33 in. high LED
<b>or:</b>	±0.04°C (0.07°F) when meter and probe are calibrated together	<b>Battery Life</b>	8 hours
		<b>Recharge time</b>	8 hours



## 700M THERMISTOR METER INTERCHANGEABLE PROBES

### Probe Description

**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\*.

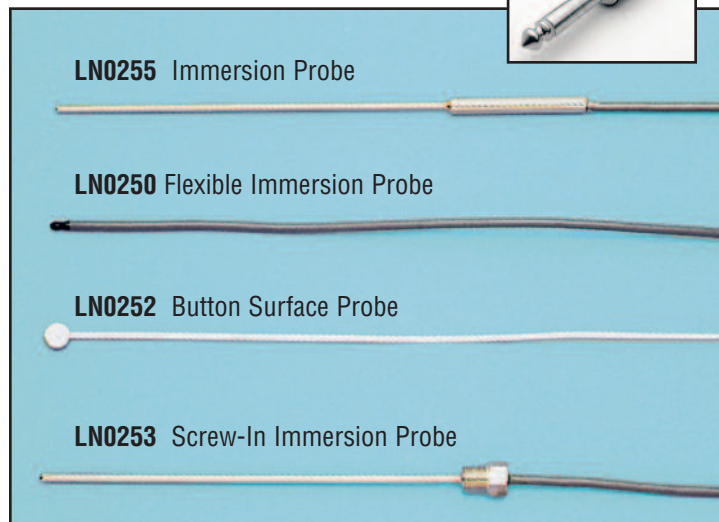
**LN0253 Screw-In Immersion Probe** For measurements in pipes, vessels or reactors. 3.6 Second response time\*. Stainless steel shank with 1/8" NPT fitting, 6" standard stem length, 12" option, order **LN0253-12**.

**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, 6" shank, .250" diameter. For 12" length option, order **LN0255A-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 connect with meter



Calibration Services Available

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

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