

# Solar and AC Powered Thermistor Thermometers With Thermistor Sensors

DP750 Series  
Starts at  
**\$33**

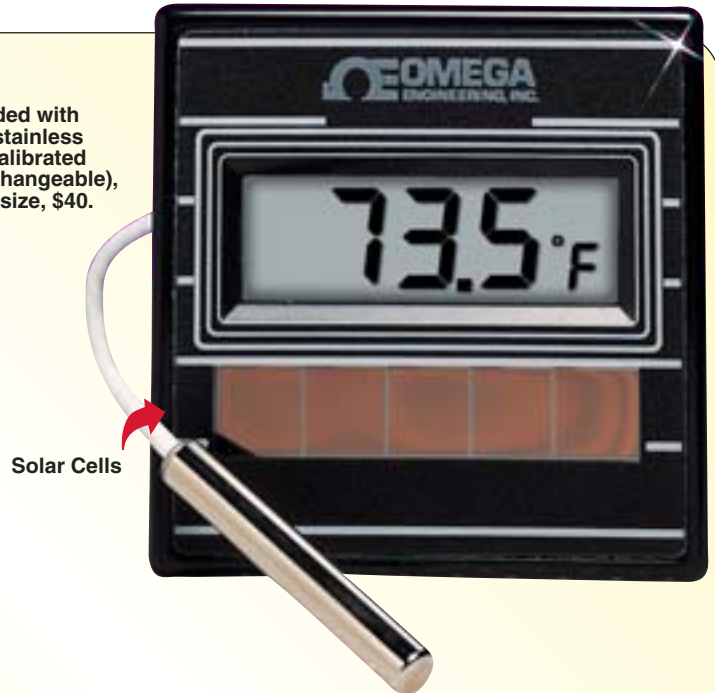


- ✓ Economical Solar-Powered Meters
- ✓ Thermistor Sensor 2° Accuracy, Included
- ✓ Wide Ambient Temperature Range
- ✓ Self Indicating Utilizing Ambient Light
- ✓ 13 mm (0.5") LCD Display
- ✓ Custom Sensor Cable Lengths Available

The DP750 Series is an excellent solution for outdoor applications where AC power is not available and wide ambient operating temperatures are experienced. Using a 3 V solar cell, the DP750 will operate with as little as 35 lux (lux is a measure of light; a comfortably lit desk is 300 lux). For example, the ability to operate in temperatures as low as -37°C (-35°F) allows the user to monitor temperatures of pipelines in remote sites. Other applications include walk-in refrigerators/freezers and photographic apparatus. Since it is self-powered, the DP750 can also be used near hot tubs and pools where electrical safety is a concern.

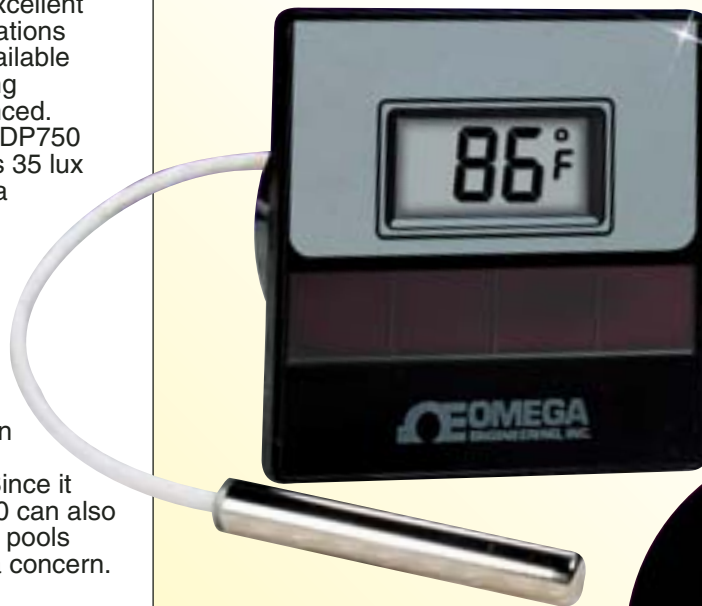
The new DP751A series is a 57 mm (2.25") square, solar-powered LCD meter with a switch for °C/°F display. The DP752 is available in an AC powered model for use in applications which require a bright LED display and a wide ambient operating range. The DP753 is a rectangular flush-mounted, solar-powered LCD meter with a standard thermistor sensor with a 1.5 m (5') cable.

DP750F included with 46 mm (1.8") stainless steel probe (calibrated and not interchangeable), shown actual size, \$40.



Solar Cells

DP751A with 46 mm (1.8") stainless steel probe (calibrated and not interchangeable), shown actual size, \$40.



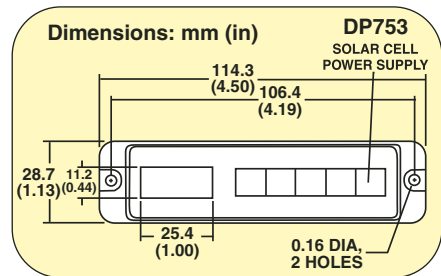
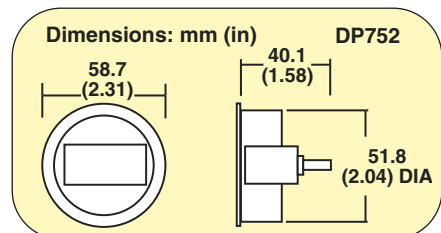
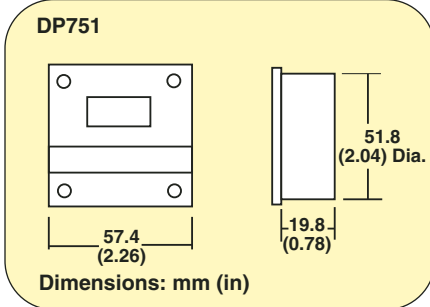
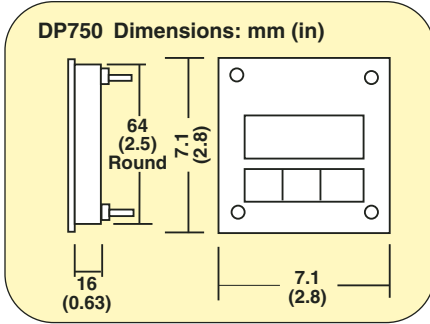
Solar Cells

DP752 (flange mount included) with 46 mm (1.8") stainless steel probe (calibrated and not interchangeable), shown actual size, \$40.



**Solar  
Powered**

DP753 with 46 mm (1.8") stainless steel probe, (calibrated and not interchangeable), shown smaller than actual size, \$33.



**Thermistor Thermometers With Sensors  
In Special Cable Lengths Are Built-To-Order!**

**Specifications**

**Sensor:** Thermistor 0.25" OD, 46 mm L (1.8") stainless steel probe with 0.9 or 2.4 m (36 or 96") of lead wire

**Power:** 3V solar cell (except DP752 with ac power option of 120 or 220 Vac to miniature transformer with 10/12 Vac output to DP752)

**Accuracy:** ±1°C/2°F at -29 to 15°C (-20 to 60°F)

**Update Time:** 10 s

**Ambient Operating Range:** -30 to 70°C (-35 to 158°F)

**Display:**  
**DP750:** 13 mm (0.5") LCD  
**DP751:** 9.5 mm (0.375") LCD  
**DP752:** 13 mm (0.5") LED

**Lux Rating:** 35 Lux min

**Panel Cutout:**  
**DP750:** 63.5 mm Dia. (2.5")  
**DP751, DP752:** 52 mm Dia. (2.04")

**Mounting:** U-clamp standard; Flange mounting (optional)

**Custom Cable Lengths**

Model No.	Special Cable Length	Add'l Price/Foot	Max Cable Length
DP750 (Solar)	(*)	\$1	120"
DP751 (Solar)	(*)	1	120"
DP752 (Solar)	(*)	1	120"
DP752 (110 Vac)	(*)	1	3600"
DP753 (Solar)	(*)	1	120"

\* Specify cable length in inches.  
**Note:** The thermistor and cable are calibrated and matched to the display. The probes are not interchangeable.

**MOST POPULAR MODELS HIGHLIGHTED!**

**To Order (Specify Model Number)**

Model Number	Price	Description	Range	Resolution
DP750F-(*)-SLR	\$40	71 mm (2.8") square LCD, solar power	-58 to 158°F	0.1°F
DP750C-(*)-SLR	40		-50 to 70°C	0.1°C
DP751A-(*)-SLR-FL	40	57 mm (2.25") square LCD solar power, °C/°F switchable	-40 to 240°F -40 to 115°C	1°F 1°C
DP752F-(*)-SLR	40	51 mm (2") round LCD, solar power	-58 to 158°F	0.1°F
DP752C-(*)-SLR	40	51 mm (2") round LCD, solar power	-50 to 70°C	0.1°C
DP752F-(*)-110	58	51 mm (2") round LED, 110 Vac power to AC transformer	-40 to 199°F	1°F
DP752C-(*)-110	58		-40 to 100°C	1°C
DP753F-(*)-SLR	33	114 x 29 mm (4.5 X 1.13") LCD, solar powered	-60 to 160°F	1°F
DP753C-(*)-SLR	33		-50 to 70°C	1°C

Comes complete with operator's manual.  
 \* Specify "36" or "96" for standard cable length in inches for DP750, DP751, and DP752 stocked models. DP753 models are stocked with a 60" standard cable length. Pricing for special longer lengths can be found in the **Custom Cable Lengths** table above.  
**Note:** The thermistor and cable are calibrated and matched to the display. The probes are not interchangeable. For flange mounted DP752 models, add suffix "-FL" to model number; no additional charge. To order DP752 with 220 Vac power, change "110" to "220"; no additional charge.  
**Ordering Examples:** DP752F-96-SLR-FL, 2" round face meter, LCD readout, solar power, flange mount, 96" cable, -58 to 158°F range, \$40.  
 DP750F-96-SLR, 2.8" square, LCD readout, solar power, 96" cable, \$40.





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