

4600 Precision Thermometer



- Thermometer accuracy $\pm 0.015^{\circ}\text{C}$ from 0°C to 50°C
- System accuracy $\pm 0.115^{\circ}\text{C}$ from 0°C to 50°C when used with 400-series probes
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ readout
- RS-232 communication capability

DESCRIPTION

High precision thermometer for use with 400-series thermistor probes.

FEATURES

- 400-series probe input
- RS-232 communication capability
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ readout

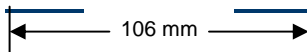
APPLICATIONS

- Laboratory measurements

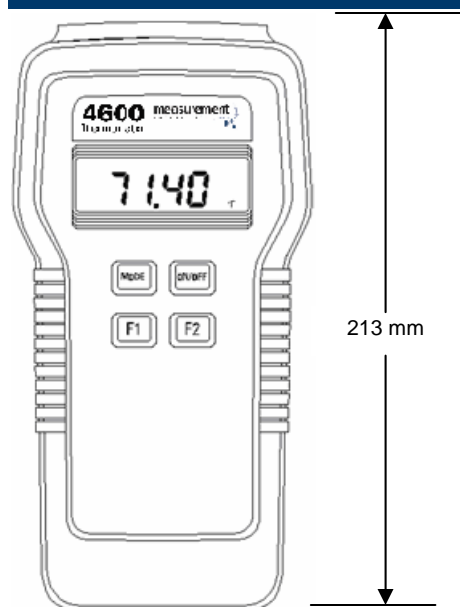
PERFORMANCE SPECS

Parameter		Units	Value
Instrument Accuracy	@ -40°C	$\pm^{\circ}\text{C}$	0.100
	0°C to 50°C	$\pm^{\circ}\text{C}$	0.015
	@ $+70^{\circ}\text{C}$	$\pm^{\circ}\text{C}$	0.025
	@ $+100^{\circ}\text{C}$	$\pm^{\circ}\text{C}$	0.065
	@ $+150^{\circ}\text{C}$	$\pm^{\circ}\text{C}$	0.320
Note: Add interchangeability accuracy of 400 Series probes for total system accuracy. ($\pm 0.40^{\circ}\text{C}$ @ -40°C ; $\pm 0.10^{\circ}\text{C}$ from 0° to 70°C ; $\pm 0.21^{\circ}$ @ 100°C ; ± 0.40 @ 150°C)			
Resolution:	-40° to $+100^{\circ}\text{C}$	$^{\circ}\text{C}$	0.01
	$+102^{\circ}$ to $+150^{\circ}\text{C}$	$^{\circ}\text{C}$	0.02
Repeatability (-20° to $+100^{\circ}\text{C}$) typical for 1 week at constant ambient temperature		$^{\circ}\text{C}$	0.0002 to .001
Reading Rate per Second			2
Battery Life		Hours	20
Operating Conditions		$^{\circ}\text{C}$	10 to 40
		% RH	85

BLOCK DIAGRAM



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ORDERING INFORMATION

Part Number	Description	Probes	MOQ
046002	4600 Precision Thermometer	400 Series	3

* For quantities less than Minimum Order Quantity – contact distribution

联系方式



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