

4610 Precision Thermometer



- System accuracy $\pm 0.05^{\circ}\text{C}$ from 20°C to 50°C with 4610-series probes
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ readout
- RS-232 communication capability

DESCRIPTION

High precision thermometer for use with 4610-series probes.

FEATURES

- RS-232 communication capability
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ readout
- Interchangeable probes

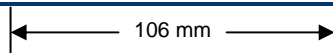
APPLICATIONS

- Laboratory measurements
- Precision measurements within the biological temperature range

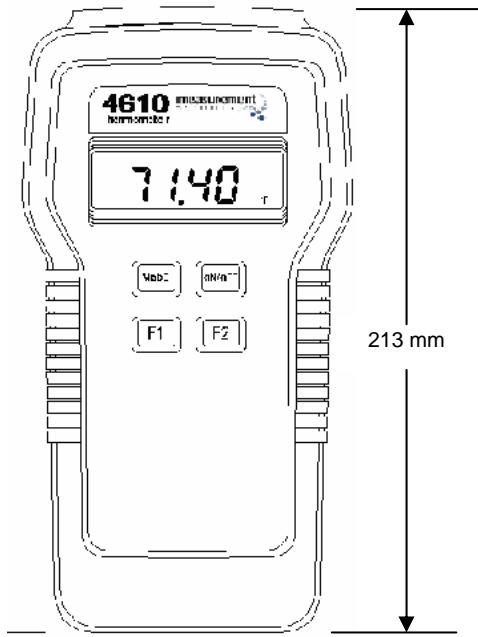
PERFORMANCE SPECS

Parameter		Units	Value
System Accuracy with 4611 or 4612 probe	20° to 50°C	$\pm^{\circ}\text{C}$	0.05
	@ 0°C	$\pm^{\circ}\text{C}$	0.10
	@ $+70^{\circ}\text{C}$	$\pm^{\circ}\text{C}$	0.10
Resolution:	-40° to $+100^{\circ}\text{C}$	$^{\circ}\text{C}$	0.01
	$+102^{\circ}$ to $+150^{\circ}\text{C}$	$^{\circ}\text{C}$	0.02
		$^{\circ}\text{C}$	0.0002 to .001
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



4610 Precision Thermometer



ORDERING INFORMATION

Part Number	Description	Probes	MOQ
046102	4610 Precision Thermometer System	4611 or 4612	3

* For quantities less than Minimum Order Quantity – contact distribution

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