

# Temperature measurements made easy

## EcoScan Temp 5, Temp 6 and Temp JKT

Ideal for routine indoor and outdoor temperature testing, the range of EcoScan Temperature Palmtops are value-for-money tools with user-friendly features and optimal functions.

- Min/Max display
- Selectable °C / °F readout
- Non-volatile memory backup
- Factory calibrated
- Offset adjustment
- Self-diagnostic messages
- Easy push-button calibration
- Rugged splash-proof design
- Protective rubber boot with stand
- HOLD and selectable auto power-off function



### Applications

- General** : Ideal for applications that require the measurement and monitor of temperature of liquid, solid, semi-solid or gel.
- Industrial** : Can be used in photo developing, chemical and plating industries and all applications that require temperature measurement. Can be used as a practical substitute for glass thermometers in food processing or agriculture applications. The Min/Max feature is useful for HVAC applications where the measurement and monitor of heating and cooling efficiency is required. Other applications include flue gas temperatures, boiler water, heater jacket temperatures, inlet and outlet water heater temperatures, etc.
- Educational** : Ideal for students with its user-friendly, easy push-button features. No worries about broken glass or mercury spillage.

### Meter Specifications

Model		EcoScan Palmtop Single Display						
		Temp 5		Temp 6		Temp JKT		
<b>Measuring Parameter</b>		°C / °F		°C / °F		°C / °F		
<b>Highlights</b>		100K Thermistor Temperature Probe		3 wire RTD Pt100 Temperature Probe		Type J Thermocouple	Type K Thermocouple	Type T Thermocouple
<b>Temperature</b>	<b>Range</b>	-40.0 to 125.0 °C		-200.0 to 850.0 °C		-200 to 1000 °C	-250 to 1372 °C	-250 to 400 °C
	<b>Resolution</b>	0.1 °C		± 0.1 °C (-99.9 to 199.9 °C); 1 °C (range < -99.9 °C and range > 199.9 °C)		1 °C (299.9 °C < t < 99.0 °C) 0.1 °C (-99.9 °C < t < 299.9 °C)		
	<b>Accuracy</b>	± 0.2 °C		± 0.2 °C (-99.9 to 199.9 °C); 2 °C (range < -99.9 °C and range > 199.9 °C)		± 0.25% of reading + 1 °C (t < -99.9 °C) ± 0.2% of reading + 0.5 °C (t > -99.9 °C)		
<b>Offset Adjustment</b>				±5 °C		±10 °C		
<b>Hold Function</b>				Yes				
<b>Auto Power-off (Selectable)</b>				Yes				
<b>Low Battery Indicator</b>				Yes				
<b>Display</b>				Single Custom LCD				
<b>Operating Temperature</b>				0 to 50 °C		-10 to +50 °C		
<b>Input</b>		1/4 inch phono plug		3 pin panel mount connector		2-pin ANSI mini connector		
<b>Power Requirements</b>				4 x 1.5V 'AAA' Alkaline Batteries				
<b>Battery Life</b>				> 200 hours				
<b>Dimensions (LxWxH)</b>	<b>Unit Only</b>			14 x 7 x 3.5 cm; 200g				
	<b>Boxed</b>			24 x 17 x 8 cm; 550g				
<b>Weight (cm/g)</b>								

Order Code.	Item	
EC-TEMPJKT	EcoScan Temp JKT Thermocouple Type J, K, T Temperature Meter (meter only), probe to be ordered separately	
EC-TEMP6/01	EcoScan Temp 6 3-wire RTD PT100 Temperature Meter with probe EC-TEM6TEM01R	
EC-TEMP5/01	EcoScan Temp 5 100K Thermistor Temperature Meter with probe EC-TEM5TEM01P	
Order Code.	Type	Description
EC-TPGLPJ-01M	Type J	General purpose probe (for immersion into liquids), 1m cable length, Ungrounded
EC-TPPENJ-01M	Type J	Penetration probe (for penetrating meat, plastic and semi-soft materials), 1m cable length, Ungrounded
EC-TPGLPK-01M	Type K	General purpose probe (for immersion into liquids), 1m cable length, Ungrounded
EC-TPPENK-01M	Type K	Penetration probe (for penetrating meat, plastic and semi-soft materials), 1m cable length, Ungrounded
EC-TPSURK-01M	Type K	Surface probe (for direct contact on hot surfaces), 1m cable length, Ungrounded
EC-TEM6TEM01R	RTD	3 wire RTD Pt100 Temperature Probe, Ungrounded, SS304 (Max temperature 150 °C)
EC-TEM5TEM01P	Thermistor	100K Thermistor Temperature Probe, Ungrounded, SS304

