

*Dual Channel*

# THERMOMETER

Model : TM-914C/F

*ISO-9001, CE, IEC1010*



TM-914C ( -40 to 1,200 °C )

TM-914C ( -40 to 2,000 °F )



Type K probe ( optional \_

TP-01, TP-02A, TP-03, TP-04



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# DUAL CHANNEL THERMOMETER, °C model : TM-914C

# DUAL CHANNEL THERMOMETER, °F model : TM-914F

FEATURES	
* Pocket size & compact housing.	* Build in precision cold junction compensation circuit.
* Dual channel input.	
* LCD display allows clear read-out even at high ambient light environment.	* Thermocouple sensor for Temperature measurement, fast response time.
* Operates from DC 9V battery.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Low power consumption.	* Full line, wide range optional thermocouple probe.
* Meet any standard type K ( NiCr-NiAl ) probe.	* Optional holster.
* Fitted with standard type K input measuring socket.	

SPECIFICATIONS			
Display	3 1/2 digits with annunciator, 15 mm (0.5") LCD.	Sampling Time	Approx. 0.4 second.
Sensor Type	Thermocouple K ( NiCr-NiAl ), Optional.	Power Supply	DC 9 V battery, 006P, MN1604 or equivalent.
Measurement	Two channel input (T1, T2).	Power Current	Approx. DC 1.8 mA.
Range	<i>TM-914C</i> : -40 °C to 1200 °C x 1 °C .	Dimension	108 x 73 x 23 mm (4.3 x 2.9 x 1.4 inch).
Resolution	<i>TM-914F</i> : -40 °F to 1382 °F x 1 °F .	Weight	140 g/0.31 LB.
		Accessory	Operation Manual.... 1 PC.

ACCURACY ( 23± 5 °C )	
<i>TM-914C</i> :	<i>TM-914F</i> :
0 to 750°C : ± ( 1 % + 1 °C )	32 to 1382°F : ± ( 1 % + 2 °F )
750 to 1000°C : typ. - ± ( 2 % + 1 °C )	1382 to 1832°F : typ. - ± ( 2 % + 2 °F )
1000 to 1200°C : typ. - ± ( 4 % + 3 °C )	1832 to 2000°F : typ. - ± ( 2 % + 4 °F )
0 to -20°C : typ. ± 2 °C	32 to -4°F : typ. ± 4 °F
-20 to -40°C : typ. ± 3 °C	-4 to -40°F : typ. ± 6 °F
* typ. : Typically	* typ. : Typically

OPTIONAL TEMPERATURE PROBE & OTHER ACCESSORIES		
Temperature Probe	Model : TP-01	-40 °C to 250 °C continuous (300°C short-term). Applications : Ultra fast response naked-bead thermocouple wire, suitable for many general purpose application.
	Model : TP-02A	-50 °C to 900 °C ( -50 °F to 1650 °F ). Dimension : 10 cm tube, 3.2 mm Dia. Penetration & Immersion applications.
	Model : TP-03	-50 °C to 1200 °C ( -50 °F to 2200 °F ). Dimension : 10 cm tube, 8 mm Dia. Applications : High temperature, Penetration & Immersion.
	Model : TP-04A	-50 °C to 400 °C ( -50 °F to 752 °F ). Dimension : Temp. sensing head-15 mm Dia. Probe length-120 mm. Applications : Precision surface temp. measurement usage.
Carrying case	Model : CA-04	Soft carrying case.
Holster	Model : HS-02	High quality rubber protective holster.

\* Appearance and specifications listed in this brochure are subject to change without notice.

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