

Dual Channel

THERMOMETER

Model : TM-914C/F

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101



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

www.YaLAB.com.tw

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.		
* Meet any standard type K (NiCr-NiAl) probe.		* Full line, wide range optional thermocouple probe.
* Fitted with standard type K input measuring socket.	* Optional holster.	

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 Resolution	TM-914C : -40 °C to 1200 °C x 1 °C .	Dimension	108 x 73 x 23 mm (4.3 x 2.9 x 1.4 inch).
	TM-914F : -40 °F to 1382 °F x 1 °F .	Weight	140 g/0.31 LB.
		Accessory	Operation Manual.... 1 PC.

ACCURACY (23± 5 °C)	
TM-914C :	TM-914F :
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-04	-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-52A	Soft carrying case with sash 200 X 80 X 50 mm.
Carrying case	Model : CA-04	Soft carrying case. 140 X 77 X 40 mm.
Holster	Model : HS-02	High quality rubber protective holster.

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

TM914+0711