





# THERMOMETER CALIBRATOR

## Model : TC-920

FEATURES	
* 2 in 1, one meter included " type k thermometer " & " type k thermocouple calibrator ".	* Build in temperature linearity compensation circuit, high precision.
* Precision calibrator for type k thermometer, calibrating process devices and measuring process signals.	* RS 232 PC serial computer interface.
* Wide range : -199°C to 1230°C ( -325°F to 2246°F ).	* Temp. measuring input to meet any standard type K ( NiCr-NiAl ) probe.

GENERAL SPECIFICATIONS			
Display	13 mm (0.5") digit size. Super large LCD display with annunciator.	Operating Temperature & Humidity	0 °C to 50 °C ( 32 °F to 122 °F ). Less than 80% RH.
Function	<i>2 in 1 :</i> Type k thermometer, Type k thermocouple calibrator.	Power Supply	006P DC 9V, MN1604/PP3 battery or equivalent. Heavy duty or Alkaline type.
Range	<i>Measure :</i> -199°C to 1230°C/ - 325°F to 2246°F.	Power Current	Approx. DC 7 mA.
	<i>Calibrator</i> -199°C to 1230°C/ - 325°F to 2246°F.	Weight	280 g/0.62 LB ( included battery ).
Thermometer	Sensor Type	Thermocouple K ( NiCr-NiAl ).	Accessories Included
	Input Impedance	10 Mega ohm.	Instruction Manual ..... 1 PC. Dual type k plug cable, DUK-02.....1 PC.
Sampling	Approx. 0.4 second.	Optional Accessories	* Temperature probe, TP-01, TP-02A, TP-03, TP-04. * Carrying case, CA-04, CA-05. * Software, SWU-101-WIN. * RS232 cable, UPCE-01.
Data Output	RS 232 PC serial computer interface.		

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)					
<i>Type K thermocouple Calibrator</i>			<i>Thermometer, measure</i>		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
°C -199 °C to 0 °C	1 °C	±(1 % + 2 °C)	°C -199 °C to 0 °C	1 °C	±(1 % + 2 °C)
°C 0 °C to 101 °C	1 °C	±(1 % + 1 °C)	°C 0 °C to 101 °C	1 °C	±(1 % + 1 °C)
°C 101 °C to 1230 °C	1 °C	±(0.75% + 1 °C)	°C 101 °C to 1230 °C	1 °C	±(0.75% + 1 °C)
°F -325 °F to 32 °F	1 °F	±(1 % + 5 °F)	°F -325 °F to 32 °F	1 °F	±(1 % + 5 °F)
°F 32 °F to 214 °F	1 °F	±(1 % + 2 °F)	°F 32 °F to 214 °F	1 °F	±(1 % + 2 °F)
°F 214 °F to 2246 °F	1 °F	±(0.75 % + 2 °F)	°F 214 °F to 2246 °F	1 °F	±(0.75 % + 2 °F)