

These versatile, microprocessor based, portable hand held temperature indicators provide convenient temperature readings from a selection of one or four different types of thermocouple inputs, depending upon the model. These instruments effectively replace up to four individually dedicated input units, and they combine several desirable thermometer functions into one economical package. The thermocouple type input selection and other desired operating parameters are easily selected on a touch-pad keyboard on both models. Consult factory for the availability of models with other types of thermocouple inputs and for models with other features.



FEATURES - MODEL SELECTION

FEATURES	MODEL 28 - 02700	MODEL 28 - 02800
Thermocouple Input Type(s)	J,K, or T	J,K,T, & E
Number of Inputs	1	2
LCD Display	•	•
Mini T/C Plug Connection(s)	•	•
Selectable °F or °C	•	•
Temperature Hold	•	•
Low Battery	•	•
Field Calibration	•	•
Calibration Lockout	•	•
Differential Temperature		•
Minimum Temperature		•
Maximum Temperature		•
Memory Store		•
Recall		•

SPECIFICATIONS

ACCURACY:	
MODEL 28 - 02800	± 0.7°F (± 0.4°C) above -238°F (-150°C), ± 2°F (±1°C) below -238°F (-150°C) <u>Plus</u> ± 0.1% of reading
MODEL 28 - 02700	± 0.9°F (± 0.5°C) above -99°F ± 2°F (±1°C) below -99°F <u>Plus</u> ± 0.2% of reading
RESOLUTION:	
MODEL 28 - 02800	0.1° : ≤ 999.9 1° : > 999.9
MODEL 28 - 02700	.1° between -99.9 and 299.9 1° > 299.9 and below -99.9
DISPLAY:	
MODEL 28 - 02800	Three 4-digit LCD; .4"H and .2" H
MODEL 28 - 02700	3(3/4) digit LCD; 1/2" H
USEFUL RANGES:	(J) -310 to 1832°F (-190 to 1000°C) (K) -418 to 2507°F (-250 to 1375°C) (T) -418 to 752°F (-250 to 400°C) (E) -418 to 1832°F (-250 to 1000°C)
CASE:	ABS/Polycarbonate with sealed silicon rubber keypad and built-in tilt stand
BATTERY:	Two AA Batteries (500 Hrs. w/Alkaline Type)
SIZE:	6(1/4)" x 3(3/8)" x 1(1/4)" - .7 Lb.
RATING:	UL and cUL rated intrinsically safe. Certified safe for Class I, Div. I; Groups A,B,C, and D hazardous locations. Meets CE requirements for electromagnetic compatibility.

ORDERING INFORMATION

ORDER CODE	DESCRIPTION	ORDER CODE	DESCRIPTION
28 - 02700 - J	Meter only (J Input)	28 - 01810	Padded carrying case w/belt loop
28 - 02700 - K	Meter only (K Input)	28 - 01820	Plastic case with handle
28 - 02700 - T	Meter only (T Input)	PROBES	See catalog page INS - 8
28 - 02800	Meter only (J, K, T, & E Inputs)		