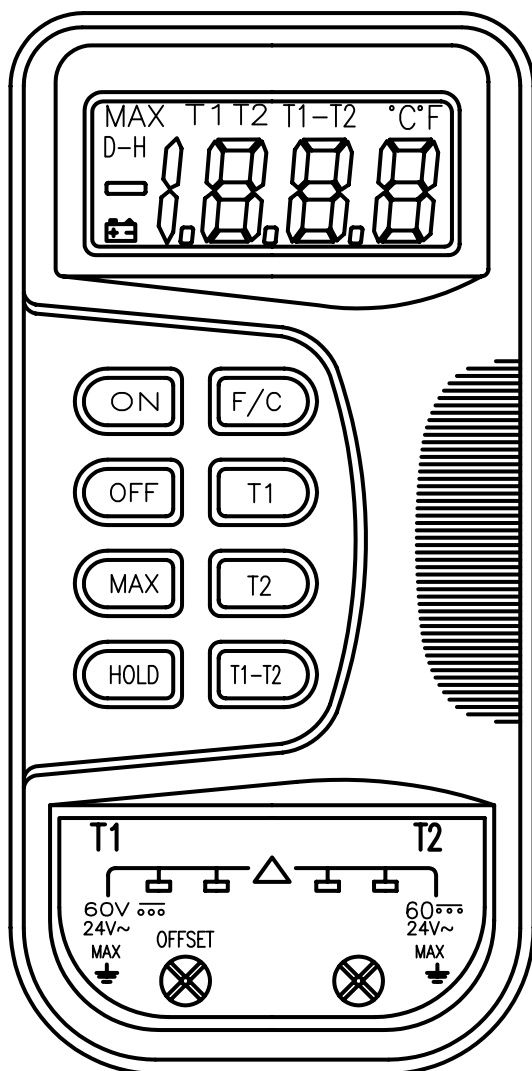




## REVISIONS

DOC. NO. SPC-F004 \* Effective: 7/8/02 \* DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1740	A	Released	JWM	4/18/07				



## Specifications

- Measurement Range: -50°C to 1300°C [-58°F to 2000°F]
- Resolution: 1°C or 1°F
- Accuracy: *Accuracy is specified for operating temperatures over the range of 18°C to 28°C for 1 year, not including thermocouple error.*  
-50°C ~ 0°C.....±2°C  
-58°F ~ 32°F.....±4°F  
0°C ~ 1000°C.....±(0.3% rdg +1°C)  
1000°C ~ 1300°C.....±(0.5% rdg +1°C)  
32°F ~ 2000°F.....±(0.3% rdg +1°F)
- Temperature Coefficient: 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C [32°F to 64°F and 82°F and 122°F]
- Input protection: 60VDC or 24V rms AC Max. input voltage on any combination of input pins
- Reading Rate: 2.5 times per second
- Accepts standard miniature thermocouple connectors (flat blades spaced 7.9mm, center to center)
- Operating temperature: 0°C to 50°C (32°F to 122°F)
- Storage Temperature: -20°C to 60°C (-4°F to 140°F)
- Display: 3½ LCD with max. reading of 1999
- Dimensions: 147mm x 70mm x 39mm
- Weight: 215g [7.6 oz]
- Supplied with 4-foot "K" thermocouple bead probe (Teflon insulated). Maximum insulation temperature 260°C [500°F]

SPC-F004.DWG

TOLERANCES:  UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:					
	Jeff McVicker	4/18/07	Digital Thermometer, Dual Input					
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE		REV	
	Hisham Odish	4/18/07	A	72-2065A	73C8088.dwg		A	
	APPROVED BY:	DATE:	SCALE:		U.O.M.: INCHES [mm]		SHEET:	
	JWM	4/18/07	NTS				1 OF 1	

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