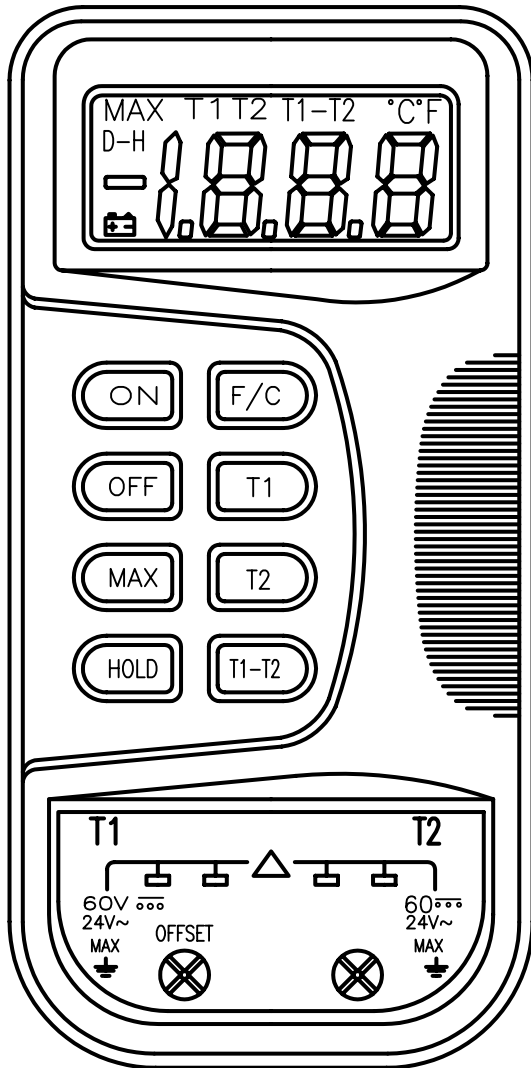




REVISIONS

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

1. Measurement Range: -50°C to 1300°C [-58°F to 2000°F]
2. Resolution: 1°C or 1°F
3. 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)
4. 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]
5. Input protection: 60VDC or 24V rms AC Max. input voltage on any combination of input pins
6. Reading Rate: 2.5 times per second
7. Accepts standard miniature thermocouple connectors (flat blades spaced 7.9mm, center to center)
8. Operating temperature: 0°C to 50°C (32°F to 122°F)
9. Storage Temperature: -20°C to 60°C (-4°F to 140°F)
10. Display: 3½ LCD with max. reading of 1999
11. Dimensions: 147mm x 70mm x 39mm
12. Weight: 215g [7.6 oz]
13. 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
	Hisham Odish	4/18/07	A	72-2065A	73C8088.dwg
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]	REV
JWM	4/18/07			SHEET: 1 OF 1	A

ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY. DISCLAIMER: ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.