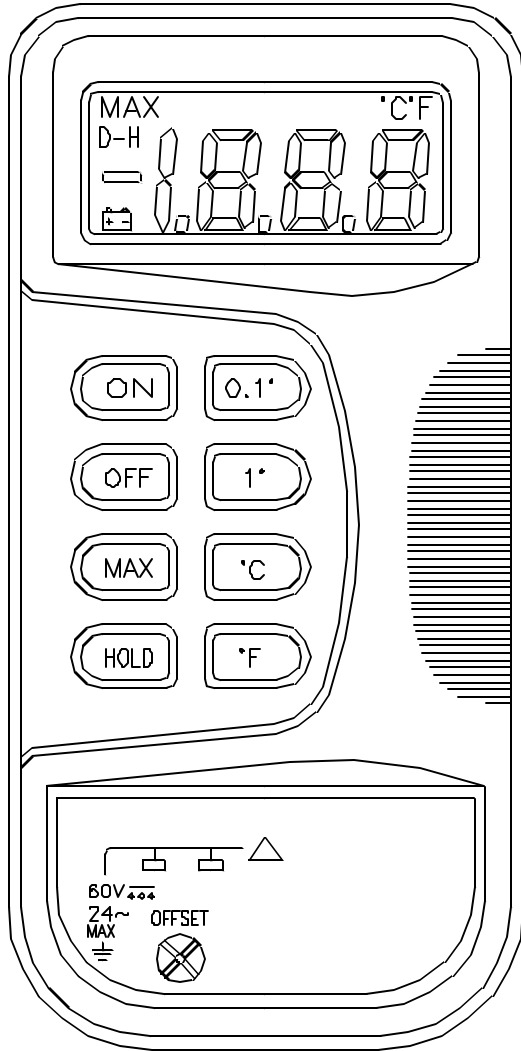


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REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
430	A	RELEASED	JWM	7/10/00	JC	9/6/00	DJC	9/7/00
1318	B	Drawing corrected	JWM	4/25/02	JC	6/18/02	JC	6/18/02



**Specifications**

1. Measurement Range: -50°C to 1300°C [-58°F to 2000°F]
2. Resolution: 1°C or 1°F, 0.1°C or 0.1°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 ~ 1000°C.....±(0.3% rdg +1°C)  
 1000°C ~ 1300°C.....±(0.5% rdg +1°C)  
 -58°F ~ 2000°F.....±(0.3% rdg +2°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: 3 1/2 digit LCD with max. reading of 1999
11. Dimensions: 147mm x 70mm x 39mm
12. Weight: 210g [7.4 oz]
13. Supplied with 4-foot "K" thermocouple bead probe (Teflon insulated). Maximum insulation temperature 260°C [500°F]. Probe accuracy ±2.2°C or ±0.75% of reading (whichever is greater) from 0°C to 800°C.
14. Power: Standard 9V Battery (included)



SPC-F004.DWG

**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.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jeff McVicker	7/10/00	Single Input Digital Thermometer			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JOHN COLE	9/6/00	A	72-2060	92F5409.DWG	B
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: Millimeters		SHEET: 1 OF 1
DANIEL CAREY	9/7/00					