



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	9/16/04	SF	9/17/04	JC	9/17/04



FEATURES

- 3 ¼ Digit LCD (63mm x 31mm), 5999 Count
- Auto/ manual ranging selector
- Display Back light
- Overmoulded cases
- Diode, Continuity Buzzer and Data hold
- Capacitance measurement
- Temperature measurement
- Frequency measurement
- RS-232 PC interface
- 1-Year Warranty
- Meets IEC 1010, 1000V CAT II, 600V CAT III
- CE Compliant
- Fused 10A Range
- RS-232C
- Full Icon Display
- Sleep Mode
- Low Battery Display
- Input Impedance for DCV: Approx. 10MΩ
- Power: 9V Battery (6F22) Included
- Weight: Approx. 312g
- Size: 177mm x 73.5mm x 35mm
- Includes Test Leads, Manual, Point Contact Temperature Probe, Test Clip, RS-232C Cable and Software

Function	Range	Accuracy
DC Voltage	600mV, 6V, 60V, 600V, 1000V	±(0.5%+3)
AC Voltage	600mV, 6V, 60V, 600V, 1000V	±(1%+2)
DC Current	60mA, 600mA, 10A	±(1.2%+3)
AC Current	60mA, 600mA, 10A	±(2%+5)
Resistance	600Ω, 6kΩ, 60kΩ, 600kΩ, 6MΩ, 60MΩ	±(1%+2)
Capacitance	6nF, 60nF, 600nF, 6µF, 60µF, 600µF, 6mF	±(4%+3)
Frequency	6kHz, 60kHz, 600kHz, 6MHz, 60MHz	±(0.05%+3)
Temperature °C	-40°C ~ 1000°C	±(1%+3)

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jeff McVicker	9/16/04	Advanced Autoranging Digital Multimeter			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	Steve Feiwell	9/17/04	A	72-7750	02J5543.dwg	A
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 1 OF 1
John Cole	9/17/04					

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.