



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 3/4 Digit LCD, 3999 Count, 63mm x 31mm
- Auto/ manual ranging selector
- Overmoulded cases
- Diode, Continuity Buzzer and Data hold
- True RMS AC
- Display Backlight
- Capacitance measurement
- Temperature measurement
- Frequency measurement
- Min/Max, Relative mode
- RS-232 PC interface
- 1-Year Warranty
- Meets IEC 1010, 1000V CAT II, 600V CAT III
- CE Compliant
- Fused 10A range
- Relative Mode
- Full Icon Display
- Sleep Mode
- Low Battery Display
- Input Impedance for DCV: Approx 10MΩ
- Power: 9V Battery (6F22) Included
- Size: 177mm x 85mm x 40mm
- Weight: 320g
- Includes: Test Leads, Manual, Test Clip, Point Contact Temperature Probe, RS-232C Cable and Software

Function	Range	Accuracy	Function	Range	Accuracy	Function	Range	Accuracy
DC Voltage	400mV	±(0.8%+3)	DC Current	4A	± (1.5%+5)	Resistance	4MΩ	±(1.2%+2)
	4V	±(0.8%+1)		10A			40MΩ	±(1.5%+2)
	40V		AC Current	400μA	± (1.5%+5)	Capacitance	40nF	±(3%+10)
	400V			4000μA			400nF	±(3%+5)
1000V	± (1%+3)	40mA	± (2%+5)	Frequency	4μF	±(3%+5)		
AC Voltage	4V	± (1%+5)			400mA		± (2.5%+5)	Duty Cycle
	40V		4A	10Hz~10MHz	±(0.1%+3)			
	400V		10A		Resistance	400Ω	±(1.2%+2)	Temperature °C
	750V	±(1.2%+5)	4kΩ	± (1%+2)		0°C~400°C	±(1%+3)	
DC Current	400μA	± (1%+2)	40kΩ		400kΩ	400°C~1000°C	±(2%+10)	
	4000μA		±(1.2%+3)			40mA		
	40mA							
	400mA							

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	72-7745	02J5542.dwg	A
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]		SHEET: 1 OF 1
John Cole	9/17/04					

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