



DCP #		REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1740		A	RELEASED	JWM	9/16/04	SF	9/17/04	JC	9/17/04

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



### 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
DC Voltage	400mV, 4V, 40V, 400V, 1000V	±(0.8%+1)
AC Voltage	4V, 40V, 400V, 750V	±(1%+5)
DC Current	400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A	±(1%+2)
AC Current	400 μ A, 4000 μ A, 40mA, 400mA, 4A, 10A	±(1.5%+5)
Resistance	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ	±(1%+2)
Capacitance	40nF, 400nF, 4μF, 40μF, 100μF	±(3%+5)
Frequency	10Hz ~ 10MHz	±(0.1%+3)
Duty Cycle	0.1% ~ 99.9%	NA
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	72-7745	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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