



REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1453	A	RELEASED	JWM	1/5/04	LS	8/17/04	JC	8/24/04



Features

- Compact Size
- Trms KW Measurement
- AC/DC Current Measurement (AC700A/DC800A)
- 600VAC & 600VDC, Ohm / Continuity Beeper
- One touch DCA Zero

General Specifications

- Numerical Display: 3³/₄ digit LCD, max. reading 3999
- Over Range Indication: LCD will show "OL"
- Low Battery Indication: The is displayed when the battery drops below operating voltage
- Power Source: One 9V Battery (006P or IEC6F22)
- Operating Temp. & Humidity: 0°C ~ 40°C [32°F ~ 122°C] Below 80% R.H.
- Storage Temp. & Humidity: -10°C ~ 60°C [14°F ~ 140°F] Below 70% R.H.
- Dimensions: 192mm(L) x 64mm(W) x 31mm(H)
- Weight: Approx. 240g
- Jaw Opening Diameter: Cables to 27mm Dia.
- Includes: Carrying Case, Battery, Instruction Manual and Test Leads

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jeff McVicker	1/5/04	DC/AC TRMS Clamp Meter			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	Luis Serbia	8/17/04	A	72-7221	22H6393.dwg	A
APPROVED BY:	DATE:	SCALE:	U.O.M.:	SHEET:		
John Cole	8/24/04	NTS	Millimeters	1 OF 2		

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DC KW (Autorange)

Range	Resolution	Accuracy	Frequency Range	Overload Protection
40.00KW	0.01KW	±(2% + 5)	50 ~ 400Hz	420KW
400.0KW	0.1KW			

AC KW (Trms) (Autorange)

Range	Resolution	Accuracy	Frequency Range	Overload Protection
40.00KW	0.01KW	±(2% + 5)	50 ~ 400Hz	420KW
400.0KW	0.1KW			

DC Current (Autorange)

Range	Resolution	Accuracy	Overload Protection
400A	0.1A	±(1% + 2)	900Arms
800A	1A		

AC Current (Trms) (Autorange)

Range	Resolution	Accuracy	Frequency Range	Overload Protection
400A	0.1A	±(1% + 5)	50 ~ 400Hz	800Arms
700A	1A			

DC Voltage (Autorange)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400V	0.1V	±(1% + 1)	1 Megohm	600Vrms
600V	1V			

AC Voltage (Trms) (Autorange)

Range	Resolution	Accuracy	Frequency Range	Input Impedance	Overload Protection
400V	0.1V	±(1% + 5)	50 ~ 400Hz	1 Megohm	600Vrms
600V	1V				

Resistance (Autorange)

Range	Resolution	Accuracy	Overload Protection
400Ω	100mΩ	±(1% + 3)	600Arms
4000Ω	1Ω		

Continuity Beeper

Range	Resolution	Max Open Circuit Voltage	Overload Protection
o)))	≤38Ω	3.3V	600Vrms