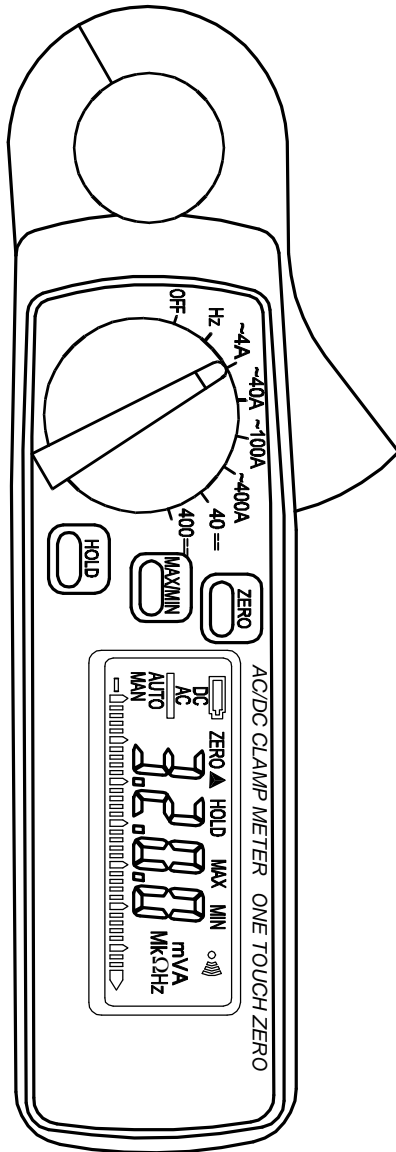


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REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
430	A	RELEASED	JWM	1/14/02	HO	1/30/02	DJC	1/30/02



Display: 3³/₄ LCD with 40 segment bargraph
Range Selection: Manual

Overload Indication: Left most digit blinks

Power Consumption: 10mA (approx.)

Low Battery Indication: B

Sampling Time: 2 times/sec. (display)
20 times/sec. (bargraph)

Operating Temperature: -10°C to 50°C

Operating Humidity: less than 85 % relative

Storage Temperature: -20°C to 60°C

Storage Humidity: less than 75 % relative

Indoor Use

Altitude: Up to 2000M

Conductor Size: 23mm max. (approx.)

Size: 183mm(L) x 61.3mm(W) x 35.6mm(H)

7.2"(L) x 2.5"(W) x 1.4"(H)

Weight: 190g (battery included)

Accessories Included: Carrying Bag

User's Manual

1.5V (SUM-3) Batteries (2)

DC Current

Range	Resolution	Accuracy	Overload Protection
40A	10mA	± 1.0% ± 2dgt	DC 400A
400A (0~150A)	100mA	± 1.0% ± 2dgt	
400A (150~200A)	100mA	± 2.2% ± 2dgt	
400A (200~400A)	100mA	± 4.0% ± 2dgt	

AC Current (True RMS, Crest Factor <=4)

Range	Resolution	Accuracy		Overload Protection
		50/60Hz	40~1KHz	
4A (0~500mA)	1mA	± 1.5% ± 7dgt	± 2.0% ± 7dgt	AC 400A
4A (500mA~4A)	1mA	± 1.5% ± 3dgt	± 2.0% ± 4dgt	
40A	10mA	± 1.0% ± 3dgt	± 1.5% ± 4dgt	
100A (0~100A)	100mA	± 1.0% ± 3dgt	± 1.5% ± 4dgt	AC 500A
400A (100~200A)		± 2.2% ± 3dgt	± 2.5% ± 4dgt	
400A (200~400A)		± 4.0% ± 3dgt	± 5.0% ± 4dgt	

Frequency (Auto Range)

Range (Hz)	Resolution (Hz)	Accuracy	Sensitivity	Overload Protection
99.99~99.9K	0.01 ~ 10	± 0.5% ± 2dgt	0.3A	AC 500A

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.

TENMA®

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jeff McVicker	1/14/02
CHECKED BY:	DATE:
Hisham Odish	1/30/02
APPROVED BY:	DATE:
Daniel Carey	1/30/02

DRAWING TITLE:

AC/DC True RMS Clamp-On Meter

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6185	52F7511.dwg	A

SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1
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