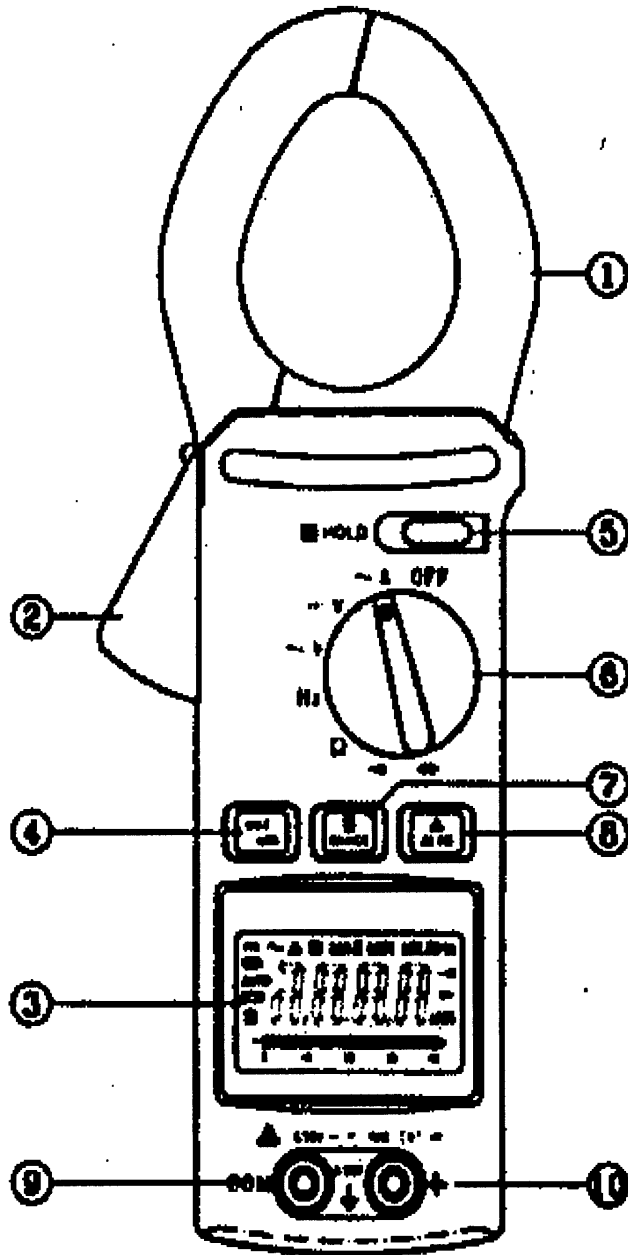


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REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		NOT Released	JWM	6/12/98				



NOTES:

1. Dimensions: 9 7/16" [239] (L) x 2 19/32" [66] (W) x 1 3/8" [34] (H)
2. Weight: Approx. 1lb [430g] (battery included).
3. See page two for controls and page 3 for general specifications.

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.



<i>Unless Otherwise Specified: Dimensions are shown for reference only!</i>	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jeff McVicker	6/12/98	AC/DC Clamp-On Meter			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
			A	72-6130	52F7504.dwg	
	APPROVED BY:	DATE:	SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 3	

CONTROLS

(1) Transformer Jaws:

Pick up the AC and DC current flowing through the conductor.

(2) Jaw Opening Trigger

(3) LCD Display:

Digital LCD with indications for measurement values, unit symbols, decimal point polarity, over range and low battery, etc.

(4) Minimum and Maximum Recording Button:

Press MIN/MAX to enter the MIN/MAX recording mode (manual range only). Select the proper range before using MIN/MAX to ensure that reading value will not exceed the measurement range. Press once to select MIN. Press again to select MAX. Press once more to release recording function.

(5) Data Hold Button:

Press it once to hold the measured value and store the value in memory. Press again to release hold function.

(6) Range Selector:

For selection of desired range, and awakening from auto-power-off mode.

(7) Auto-Ranging & Manual Ranging:

Press RANGE to select the Manual Ranging mode and turn off the AUTO annunciator. (The meter remains in the range it was in when manual range was selected).

In the Manual Ranging mode, each time you press the RANGE button the meter will go to the next higher range. If you are already in the highest range, the meter will wrap around to the lowest range.

(In the Frequency Counter Mode, pressing RANGE manually selects the input sensitivity.) To exit the Manual Range mode and return to auto ranging, press and hold down RANGE for 2 seconds. The AUTO annunciator turns back on.

(8) Relative Reading Button:

Press Δ ZERO button to enter the relative mode. Zero the display and store the reading as reference value for subsequent measurements. Press and hold Δ ZERO button for 2 seconds to exit the relative mode.

(9) COM Measuring Connector:

Connect negative lead (black test lead) for voltage, frequency, resistance, continuity, diode measurement as a common reference.

(10) "V Ω Hz" Measuring Connector:

Connect positive lead (red test lead) for voltage, frequency, resistance, continuity and diode measurement.

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6130	52F7504.dwg	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 2	OF 3

General Specifications

1. Environmental Conditions

- A. Installation Categories III
- B. Pollution Degree 2
- C. Altitude up to 2000 meters
- D. Indoor use only
- E. Relative Humidity 80% max.
- F. Operation Ambient 0 ~ 40 °C

2. Maintenance & Clearing

- A. Repairs or servicing not covered in manual should only be performed by qualified personnel.
- B. Periodically wipe the case with a dry cloth. Do not use Abrasives or solvents on this instrument.

3. Maximum Voltage between any terminal and earth ground: 600Vrms.

4. Operating Principal: Dual slope integration.

5. Display: 3 ¾ digit liquid crystal display (LCD). Max. reading 3999
Automatic indication of functions and symbols.

6. Barograph Display: 40 Segments (Resolution: 100Counts/Segment)

7. Range Selection: Automatic or Manual

8. Over Range Indication: LCD will show a "4" flashing in the highest position accompanied by a continuous beeping. (Except for ranges of 1000A AC/DC and 600V_{DC} 600V_{AC})

9. Low Battery Indication: The BT is displayed when the battery voltage drops below the operating voltage.

10. Sampling Rate: 20 times/sec (Barograph). 2 times/sec (Digital Display)

11. Battery Life: 300hr approx. (Alkaline)

12. Polarity: Automatic polarity "-" display for negative input.

13. Operating Temp. & Humidity: 0 °C ~ 50 °C (32 °F ~ 122 °F)

Relative Humidity: <80% non-condensing

14. Dimensions: 239(L) x 66(W) x 34(H)mm [9 7/16"(L) x 2 19/32"(W) x 1 3/8"(H)]

15. Weight: 430 gr. [1lb] approx. (battery included)

16. Jaw Opening Dia: Cables ∅46mm [1 13/16"]

17. Accessories: Battery (One 006p 9V), instruction manual, test leads & carrying case.

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6130	52F7504.DWG	A
SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 3 OF 3