

TENMARS



MODEL YF-800



OPERATOR'S MANUAL

TENMARS ELECTRONICS CO., LTD

HB2YF800002

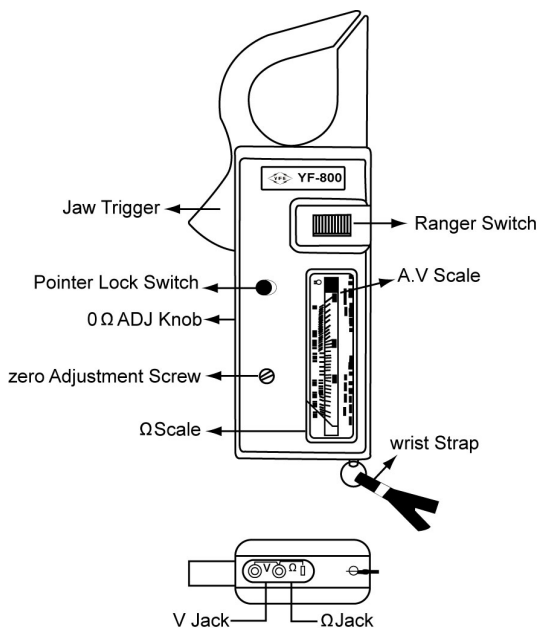


Table of Contents

1. FEATURES	4
2. SPECIFICATIONS	5
3. PRELIMINARY	6
4. OPERATIONS	7
5. AC Voltage measurement	8
6. Resistance measurement	9

1. FEATURES

- A rotary scales presents one range at a time, reducing error possibility in reading.
- A pointer lock freezes reading when in dimly lit areas.
- Unique slopping-shape insulated jaw suits for any narrow or crowded wire field.
- Jaw opens to 44mm and maximum conductor size is up to 40mmΦ.
- With Complete range capability, AC Amp 6/15/60/150/300A; AC voltage up to 600V and resistance to 5K ohm.

2. SPECIFICATIONS

AC Current : 0-6A, 15A, 60A, 150A, 300A

AC Voltage : 0-5K ohm (Miscalled 200 ohm)

Accuracy : AC current within $\pm 3\%$ of full scale.

AC Voltage within $\pm 3\%$ of full scale.

Resistance within $\pm 3\%$ of full scale.

Frequency : 50/60Hz.

Battery & fuse : UM-3 1.5V 1pc. & 0.5A fuse 1pc.

3. PRELIMINARY

- (1) Unlock the pointer lock switch. So the pointer is free to move.
- (2) If the pointer does not normally rest exactly over the "0" of the V A scale, carefully adjust the zero adjustment screw at the center of the meter to bring the pointer over the "0".
- (3) Any exceeding range measurement is not permitted. Always start from the top range for any unknown range test.
- (4) Pull the ohm probe off when in current or voltage measurement.
- (5) The maximum voltage limit is 600V for this unit. Any overload usage is extremely dangerous.
- (6) Keep your hand through the Wrist strap at all times to assure that you will not drop the meter accidentally.
- (7) Do not store the clamp-on meter hot or humid area.

Also avoids any unnecessary vibrations & impacts so as not to damage the sensitive meter movement.

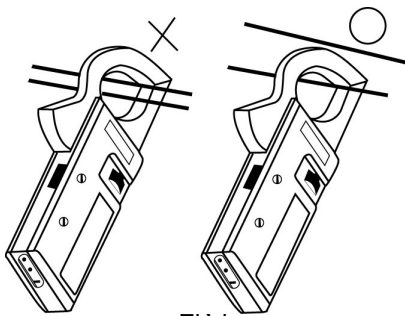
4. OPERATIONS

AC Current measurement

- (1) Set the range switch to one of suitable AC Current range.
- (2) Press the jaw trigger to open the jaw. Insert one conductor into the area surrounded by the jaw. Release the jaw trigger, therefore the jaw closes around one conductor only.

Note : You will not get a proper reading if more than one conductor is within the jaw area.

- (3) Use the pointer lock to freeze the reading when lighting conditions make it difficult to see the scale.



5. AC Voltage measurement

1. Set the range switch to one suitable AC Voltage range.
2. Plug the test leads into the "V" jack.
3. Connect the test probe pin to the circuit under test.
4. If necessary, you can freeze the reading by using the pointer lock.

6. Resistance measurement

- (1) Plug the ohm probe into the " Ω " jack.
- (2) Connect the clip and pin tip together.
Adjusts the 0 ADJ knob for a full scale deflection to "0" on the OHMS scale.
- (3) Disconnect the clip from the pin tip and connect them across the resistance or circuit to be measured.
- (4) Read resistance on the OHMS scale.

Note :

- (1) When you are unable to adjust the pointer to "0" on the OMHS scale with "0 ADJ" the battery must be replaced.
- (2) Also when the ohm probe.
- (3) Be sure that there is no voltage across the resistance, when in resistance measurement.

Dimension & weight : 220x 85 x33mm &
340g approx

Accessories :

1. Ohm probe 1 set.
2. Test leads 1 set.
3. Instruction manual 1 set.

4. Fuse 1pc

TENMARS



Professional Electrical and Environment Test & Measurement Instruments:

LED light meter, Temperature & Humidity meter,
Infrared Thermometer, SLM meter,
Light meter, EMF meter, UV Light meter,
Hot wire Anemometer, Co meter
Anemometer, Lan cable tester, Co2 meter,
Solar power meter, Radiation meter,
Clamp meter, Multimeter,
Phase Rotation test, Digital Insulation tester

**Our products of high quality are selling
well all over the world**

TENMARS ELECTRONICS CO., LTD
6F, 586, RUI GUANG ROAD, NEIHU,
TAIPEI 114, TAIWAN.

E-mail: service@tenmars.com
<http://www.tenmars.com>