

multicomp PRO



**Mini AC Current Leakage Tester
Model No. MP780050**

IMPORTANT SAFETY INFORMATION

Read all instructions before using the appliance and retain for future reference.

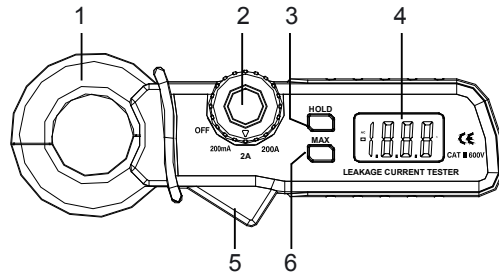
- Please follow all safety operation instructions.
- Check the jaws and case insulation before using. If you find any breakage or abnormality, or you consider the device is broken, stop using the device immediately.
- Never operate the meter with the battery cover open.
- Set the function switch to the correct setting before connecting the meter to the current source to be tested.
- Never apply voltage greater than the specified maximum allowed.
- Use caution with voltages above 25VAC rms as a shock hazard may exist.
- Do not use the product for any purpose other than that for which it is designed.
- Turn the tester off when not in use to save the battery.
- Remove the battery if the tester is not to be used for long periods.
- Replace the battery as soon as the low battery warning appears to avoid possible electric shock or personal injury caused by incorrect readings.

WHAT'S INCLUDED

- AC Leakage Tester
- Batteries.
- Instruction manual.

PRODUCT OVERVIEW

1. Current sense jaws
2. Rotary function switch
3. Data HOLD and backlight button
4. LCD display
5. Clamp trigger
6. MAX button



OPERATION

AC Current Measurement

- Set the Function switch to the desired current range.
- Press the jaw trigger to open the clamp jaws and clamp around the conductor ensuring it is centred within the clamp jaws.
- The measured value is displayed on the LCD screen.

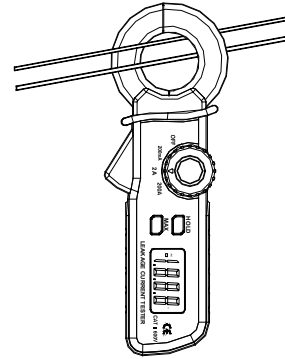
Data HOLD

- To freeze the current reading on the LCD, press the "HOLD" key.
- HOLD will display on the LCD while the meter is in the Data Hold mode.
- To return to normal function and operation, press the "HOLD" key again.

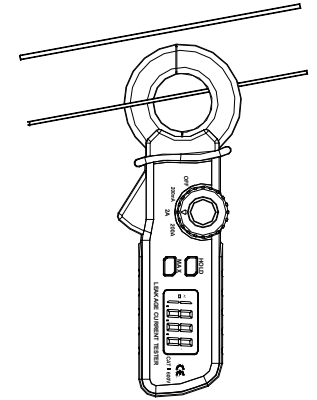
Backlight function

- Press and hold the "HOLD" key for more than 2 seconds to turn on the LCD backlight.
- This will also activate the Data Hold function.

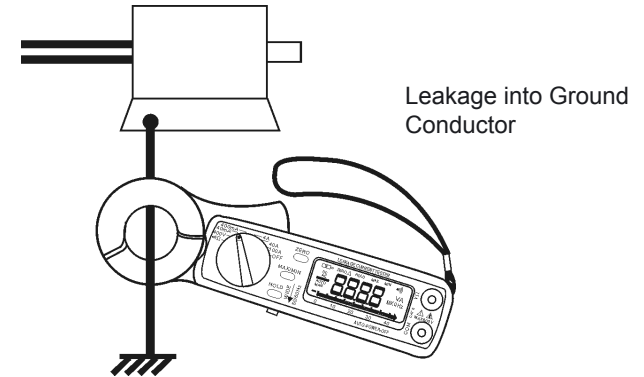
- To release the Data Hold function and return the tester to normal operation, press the "HOLD" key momentarily. To turn off the backlight, press and hold the "HOLD" key for more than 2 seconds.



Leakage Current Measurement



Load Current Measurement



MAINTENANCE

- When the low battery symbol appears on the LCD the batteries must be replaced.
- Power the tester down and remove the rear battery compartment screw.
- Lift off the battery compartment cover and replace the two AAA(1.5V) batteries taking note of the polarity.
- Replace the compartment cover and secure the screw.

CLEANING

- Clean the tester with a clean, soft cloth.
- Do not use any chemicals, abrasives or solvents that could damage the tester.

SPECIFICATIONS

Display	3½ Digit (1999 count) LCD display
Resolution	100µAAC
Batteries	Two AAA 1.5V batteries
Jaw Opening	30mm (1.2")
Auto Power Off	15 minutes approx
Operating Conditions	0°C to 30°C (32°F to 86°F) 90% Relative Humidity 30°C to 40°C (86°F to 104°F) 75% Relative Humidity 40°C to 50°C (104°F to 122°F) 45% Relative Humidity
Storage Conditions	-25°C to 60°C (-14°F to 140°F) < 90% Relative Humidity
Altitude	<3000 meters
Dimensions (H x W x D)	182 x 61 x 34mm
Safety Compliance	CAT II 600V

Function	Range	Resolution	Accuracy
AC Current (60Hz)	200mA	100µA	±(5.0% of reading + 8 digits)
	2A	1mA	±(5.0% of reading + 10 digits)
	200A	100mA	±(2.5% of reading + 10 digits)



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.



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