

AC CURRENT CLAMP ADAPTOR

MODEL LAD-1100

INSTRUCTION MANUAL

Thank you very much for selecting our AC current clamp adaptor

This model is complex instrument and employ a very reliable mechanical/electronic design.

Before you use your new instrument, read this Instruction Manual completely and familiarize yourself thoroughly with all functions. With proper use and care, your tester will give you years of satisfactory service.

1. FEATURES

- Selectable measuring range 30mA~30A with CT ratio 10:1 and 30A~3000A with CT ratio 100:1.
- ϕ 110mm CT window, possible to measure from leakage to big current up to 3000A.

2. CAUTION

- Before operating this instrument, familiarize yourself with all instructions outlined in this manual.
- Always check to make sure that the function switch is set to the proper position.
- When making measurements, use CAUTION as dangerous voltages may be present in normally safe areas.
- To avoid electrical shock, apply this instrument in the circuit less than 600V, as it is for low voltage use.
- Never input the current exceeding max. capable current.
- Never operate this instrument if it becomes wet, damp or has any liquid condensation and damage on any part of the instrument.
- Never make measurements for uninsulated conductors or bus bars.

3. SPECIFICATIONS

Max. Applicable Current:	AC 3000A
CT Inside Structure:	108 x 128mm
Measuring Range & CT Ratio:	300mA~30A/ 10:1 30A~3000A/100:1
Power Supply:	Not required
Dimension/Weight:	194(W)x341.5(H)x52(D)mm, approx. 1800g
Secondary Clamp Window Dimension:	Outside 42(W)x47(H)x11(D)mm Inside 19.5(W)x25(H)x11(D)mm

4. METHOD OF MEASUREMENT

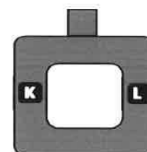
4-1 Clamp the CT of LAD-1100 to the conductor to be measured (in case of line current measurement & leakage current of grounding line, clamp CT to one conductor and in case of leakage current measurement for 1P/2W, 1P/3W, 3P/3W, etc., clamp CT to 2 or 3 wires en bloc).

4-2 Set the range select switch to appropriate measuring range.

4-3 Clamp the CT of other clamp meter to the window of secondary output.

In case of 300mA~30A range, the display of other clamp meter shows 1/10 value of primary current and in case of 30A~3000A range, the display will become 1/100 value.

* In case of general current measurement, the CT direction is free but for Ior leakage current measurement by our IRV series clamp leakers, set the CT to current direction as per right drawing:



Current Direction →

* Battery cover is fixed (glued) not to be off, as the instrument does not use battery. Do not take off the cover forcibly.

REPAIR SERVICE

When requesting for repair service, please bring the instrument directly to the dealer where you bought.

When mailing the instrument, always pack it in its original or equivalent packing materials to avoid any damage during the transportation and also put together with documents showing your name, address, phone number and defect point.

WARRANTY

This instrument is sent out from our factory after the sufficient internal inspections but if you find any defect due to the fault in our workmanship or the original parts, please contact the dealer where you bought the instrument.

The warranty period is 12 months from the date of purchase and the instrument shall be repaired at free of charge, provided that we judge the cause of defect is obviously resulted from our responsibility.

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