



Polarity Test Box
Work with 92108. 93506. 93507

function:

- Matching the polarity test box
- Connect the power cord to the power supply.
- Turn the power switch to ON and measure.
- If the voltage between the earth and the TEST terminal of this instrument :
- 30 V/ AC or less : the instrument can be used.
- More than 30 V/ AC : use the accessory 3-2 pin adapter and reconnect the power plug opposite.

Scope of Supply:

- 1pc Polarity Test Box 91807
- 1pc power line
- 1 pc Instruction Manual

operating steps:

1. Set the measuring range selector switch to ACV position of Model 92108. Connect the "GROUND" terminal of Model 92108 to the "TEST" terminal of Model 91807, then close switch POWER SW.
2. Connect the "LINE" terminal of Model 92108 to either of the "CONNECTOR" of Model 91807, and measure the power voltage to check that the voltage is as rated. (If the polarity is opposite, the meter pointer will be zero; in this case use switch POLARITY SW to change the polarity.)
3. Open switch POWER SW, and connect all the simultaneously accessible exposed conductive surfaces of the to-be-tested appliance together to the "LINE" terminal of Model 92108.
4. Input "DEVICE" power plug of the to-be-tested appliance, and turn on all the appliance's switches.
5. Leakage current is not necessarily only in the AC spectrum, therefore set the measuring range selector switch to AC+DC mA range.
6. Close switch POWER SW of Model 91807, and read the meter of Model 92108. This reading will tell you the approximate value of the leakage current.
7. Referring to the value obtained in number 6. above, set the range of the AC mA to the optimum range, and read the meter of Model 92108.
8. Change switch POLARITY SW of Model 92108, read the meter of Model 92108, and use the greater one of the above meter readings as the leakage current value.
9. Set the measuring range selector switch of Model 92108 to the DC mA range, and read the meter of Model 92108.
10. Repeat the measurement conducted in number 8. above.
11. Start operating the appliance. When the appliance has reached its steady operating status, measure its leakage current. When not using the Model 91807 Test Box.