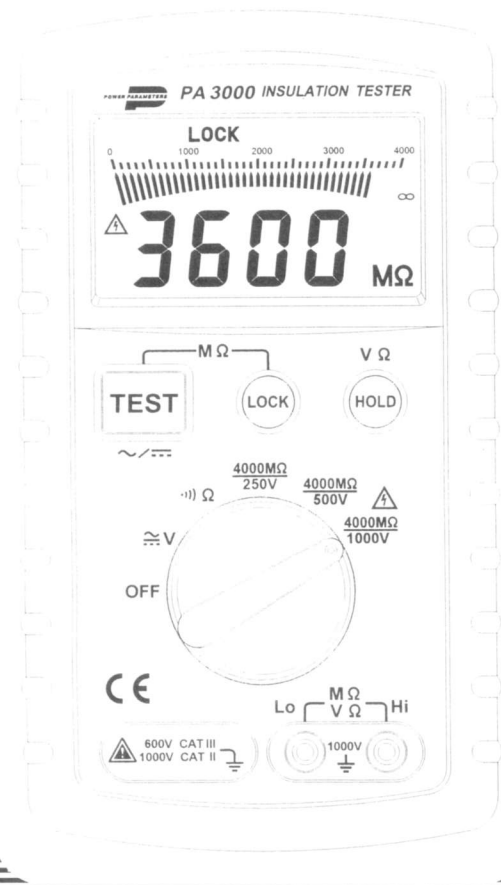


POWER PARAMETERS

PA 3000

AUTORANGING INSULATION TESTER

CE



Instruction Manual

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**I.  SAFETY INFORMATION**

- Read the following safety information carefully before attempting to operate or service the meter.
- The circuit under test must be de-energized and isolated before connections are made except for voltage measurement.
- Circuit connections must not be touched during a test.
- After insulation test, capacitate circuits must be allowed to discharge before disconnecting the test leads.
- To avoid damage to the instrument do not apply signals, which exceed the maximum limits shown in the technical specification tables.
- Do not use the meter or test leads if they look damaged. Use extreme caution when working around bare conductors or bus bars.
- Use the meter only as specified in this manual; otherwise, the protection provided by the meter may be impaired.
- Caution when working with voltages above 60V DC or 30 V AC RMS. Such voltages pose a shock hazard.
- Before taking resistance measurements or testing acoustic continuity, disconnect circuit from mains power supply and all loads from the circuit.

Environment conditions:

- ① Installation Categories III 600 V
- ② Pollution Degree 2
- ③ Altitude up to 2000 meters
- ④ Indoors use only
- ⑤ Relatively humidity 80% max.
- ⑥ Operation Temperature 0~40°C

Maintenance & Cleaning:

- ① Only qualified personnel should perform repairs or servicing not covered in this manual.
- ② Periodically wipe the case with a dry cloth. Do not use abrasives or solvents on these instruments.

**Safety symbols:**


Caution (Refer to this manual before using the meter)



Dangerous voltages, risk of electric shock.



Meter is protected throughout by double insulation.
When servicing, use only specified replacement parts.

Approvals:  EN-61010-1 600V CAT III 1000V CAT II
VDE 0413


II. GENERAL SPECIFICATION:**• Display:**

76x42mm Big LCD Panel with 40 segments analog Bar Indication.

• Over range Indication:

“OL” will be shown on the LCD Panel when out of range measurement is made.

• Low Battery Indication:

The  will be shown when the battery needs to be changed.

• Sampling Rate:

2.5 times/sec Digital Display; 10 times/sec Bar Graph

• Power Source:

1.5V AA size Battery × 8

• Operating Temperature and Humidity:

0°C to 40°C, below 80% RH

• Storage Temperature:

-10°C to 60°C

• Dimension:

196(L)×112(W)×64(H)mm ; 7.72(L) ×4.41(W) ×2.52(H)inch

• Weight:

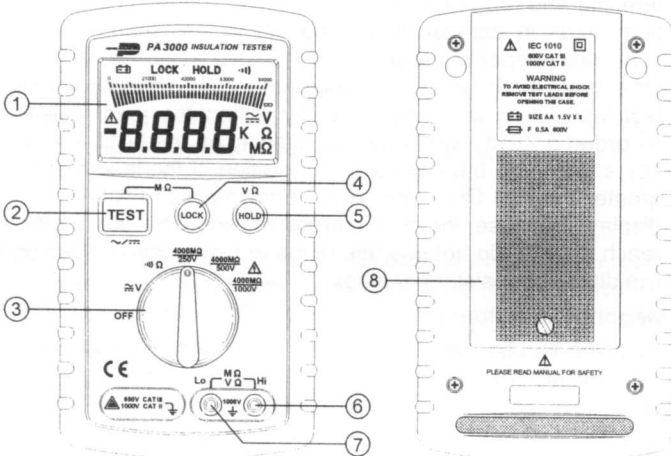
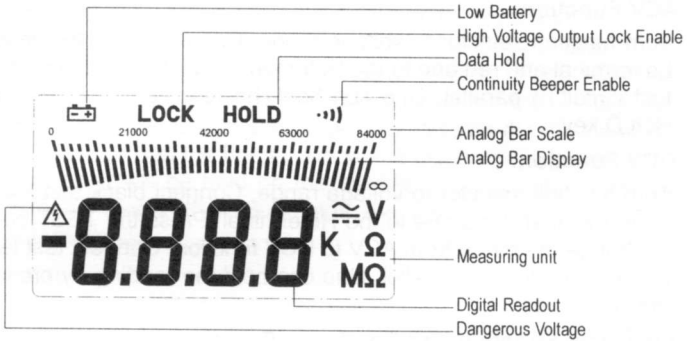
Approx. 700g(with battery)

• Accessories:

Test Lead, Large Jaw Alligator Clips, Battery, Instruction Manual, Carry Case.



IV. Symbol Definition and Button Location



- ① LCD Display
- ② TEST Button
- ③ Function Selector
- ④ Power Lock Button
- ⑤ Data Hold Button
- ⑥ Hi Input Terminal
- ⑦ Lo Input Terminal

- ⑧ Battery Compartment Cover