

GIGOHMMETER / MEGOHMMETER

MAIN FEATURES

The ST6605 Gigohmmeter is a resistance insulation tester designed to measure high values of insulation resistance according to 4 test voltages: 500V, 1000V, 2500V and 5000V.

For a selected test voltage, the ST6605 do the resistance test in auto ranging for each range.

The ST6605 displays at the same time the insulation resistance in the middle of the screen (large digits), the instant test voltage and the total time since the beginning of the test.

This last information is very useful when the capacity of the tested equipment is high (long length of wires, powerful transformers).



Réf. ST6605

SPECIFICATIONS

TEST VOLTAGE	RANGES			
500VDC	0 to 6.000 MΩ	6 to 60.00MΩ	60 to 600.0MΩ	600 to 6000MΩ
1000VDC	0 to 6.000 MΩ	6 to 60.00MΩ	60 to 600.0MΩ	600 to 6000MΩ
2500VDC	0 to 60.00MΩ	60 to 600.0MΩ	600 to 6000MΩ	6 to 60.00GΩ
5000VDC	0 to 60.00MΩ	60 to 600.0MΩ	600 to 6000MΩ	6 to 60.00GΩ

ACCURACY	0 to 600 MΩ	0.6 to 6 GΩ	6 to 60 GΩ
in % of reading	2.5% + 15dgt	3% + 15dgt	4% + 15dgt

Short-circuit current 1mA

OTHER FUNCTIONS

FUNCTION	RANGES	ACCURACY
Voltmeter	0 to 600.0 VDC / 0 to 600.0VAC	1.5% + 5dgt
OHM .)))	0 to 600.0Ω 600 to 6000Ω	1.5% + 10 dgt

In ohmmeter mode, the buzzer rings if the tested resistance is below 50Ω

Saving of Min & Max values

Simultaneous display of the insulation resistance and the instant test voltage

Automatic discharge function

Output voltage warning function

Relative measurements

Display hold function

OTHER SPECIFICATIONS

6000 counts LCD display with bar graph and backlight

Screen size: 110 x 66 mm

Large display: 22mm digits

Auto power off

Testing button with lock function in order to hold the test voltage (for the wires with high capacity which are long to charge)

Battery test button

Power supply: 8 battery 1.5V (R14 type / UM2 / C)

Dimensions / weight: 198 x 148 x 86 mm / 1.4 kg

Supplied accessories: 3 test leads + crocodile clips, one high voltage test lead, mains adapter, and a transport case

CEI1010 cat IV 600V pol2

