



VOLT X HiAD100 DATA SHEET

AC/DC insulation resistance Tester [100 kV, 50mA]





Table of Contents

KEY FEATURES.....	2
DESCRIPTION	2
TESTER LAYOUT.....	3
SPECIFICATIONS of IPSUM HiAD100	4

KEY FEATURES

- Simplify different types of insulation testing on circuit breakers, busbars, cables, motors, generators, transformers and more.
- Provides up to 100kV AC and 140 KV DC.
- Stand-alone functionality
- Front Panel with 7-inch touch screen
- Digital Metering for output voltage, current and input current on front panel Screen
- Portable, Rugged and reliable for field use.

DESCRIPTION

1. VOLT X HiAD100 is a secured and accurate Dielectric Withstand Tester up to 100kV AC and 140 KV DC.
2. This powerful test kit is designed for Hi-Pot tests on short cables, motors, generators, transformers and more tests that require variable high potential.
3. Measurement for input current, output voltage and output current
4. Detect short-circuit / flash-over case
5. Test with programmable duration
Insulation measurements sometimes take a long time to stabilize because of transient disturbance currents. By carrying out long-term measurements and analyzing the trend curve of the insulation according to the test voltage application time, you can obtain a better assessment of insulant quality.
6. Possibility of storing the results in the internal memory and exporting the data by means of HMI screen.
7. IPSUM HiAD100 transit case offers a suitable protection for the device during movement on site and transportation.
8. Safety is the main feature for IPSUM HiAD100 , the outputs are isolated from the main input supply.
9. The output terminals are industrial type that allows the user to use the most common types of wire terminals.

TESTER LAYOUT

Consists of Qty (2) unit for voltage up to 100 KV.



SPECIFICATIONS of IPSUM HiAD100

Specifications are valid at nominal input voltage and an ambient temperature up to 50°C.

General specifications:

Mains voltage	220 VAC, 50Hz, $\pm 15\%$
Power Output (max)	5000 VA
Protection	Fuse for Mains input
Display	7" touch screen

Dimensions (L x W x H) specifications:

Approx. for control unit	500 x 300 x 300 mm
Approx. for Power unit	500 x 300 x 1200 mm

Weight specifications:

Approx. for both units	130-Kg
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Measurement specifications:

Ammeter Measurement method	AC, DC
Voltmeter Measurement method	AC, DC

Outputs:

Voltage	100 KV AC /140 KV DC
Current	50 mA

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