

HT7052 PROFESSIONAL 10kV INSULATION TESTER

HT7052 is a portable battery/mains powered test instrument intended for the testing of insulation resistance by using high test voltages of up to 10kV. It is a professional high voltage insulation tester with added diagnostics tools such as Polarization Index (PI), Dielectric Absorption Ratio (DAR) and Dielectric Discharge (DD). HT7052 is specially well suited for: power transformers, measuring transducers in distribution networks, testing insulation resistance of rotating machinery and cables, production line periodic testing and maintenance, troubleshooting and analysis of all kinds of insulation problems, etc. Because of its robustness (CAT IV protection), it is best suited for industrial environment. A dot matrix LCD offers easy-to-read results and all associated parameters. The operation is straightforward and clear to enable the user to operate the instrument without the need for special training. Test results can be stored on the instrument and transferred to the PC for further analysis.

FUNCTIONS

Insulation resistance up to 10TΩ
Diagnostics tools (PI, DAR, DD)
Step voltage insulation test
Test voltage from 500V up to 10kV DC, adjustable in 25V steps
Maximum charging current 5mA
Automatic discharge of capacitive loads
Digital and bar graph results with date and time
PC software for downloading and analyzing test results and test report printing
RS232 and USB isolated communication ports
High quality accessories including shielded test leads in standard set
Mains and rechargeable battery power supply
High EM interference protection

GENERAL SPECIFICATIONS

Display:	LCD custom with backlight and bargraph
External power supply:	90-260V AC, 45-65Hz, 70VA
Internal power supply:	rechargeable battery
Battery life:	4h operation at 10kV
Internal memory:	1000 locations
PC connection:	RS232 and USB
Insulation:	double insulation
Pollution degree:	2
Mechanical protection:	IP53 (closed case)
Installation category:	CAT IV 600V
Size (LxWxH):	330x360x160mm
Weight:	5.5kg

NEW



ACCESSORIES

Standard

10kV shielded 2m test lead with probe
Set of 2 10kV shielded 2m test leads
Set of alligator clips
Guard 2m test lead (green)
Guard alligator clip (green)
Set of 6 NiMH 1.2V type D batteries
Mains cable
ISO9000 calibration certificate
User manual
PC software + RS232 and USB cables

Optional

Set of 2 10kV shielded 8m test leads
Set of 2 10kV shielded 15m test leads

HT7052
HV007052