

**HT7051****METER FOR INSULATION RESISTANCE MEASUREMENTS PROGRAMMABLE UP TO 5kV DC**

HT7051 is a meter designed to perform professional insulation resistance measurements with test voltage up to 5kV DC. This feature permits a wide range of applications in industrial plants as maintenance of rotating equipments, transformers, high voltage insulation systems, electrical cables, etc. Automatic, manual timer and programmable modes are available for both models. In programmable mode the user can be select up to three ramp features in order to completely customize the times and values of test voltage application. Other integrated available measurements are the Polarization Index (PI) and the Dielectric Absorption Ratio (DAR). The model have internal memory to save the results and a PC RS-232 interface for PC connection. All effort have been spent to create products which can be adjusted according to the standard amendments in the field of insulation measurements.

**FUNCTIONS**

Insulation test with test voltage from 100 to 5kV DC
Measurement range up to 10TΩ
Measurements with fixed test voltages
Up to 3 voltage/time test ramps available in programming mode
SMOOTH feature for stable measurement results
Dielectric leakage current measurements
Polarization index (P.I.) measurement
Dielectric Absorption Ratio (D.A.R) measurement
Discharging capacitance measurement
DC/AC TRMS voltage measurement up to 600V
Rechargeable NiMH internal battery
GUARD input terminal
Automatic object discharge after test

**GENERAL SPECIFICATIONS**

Display:	LCD custom with backlight and bargraph
External power supply:	220-240V, 50/60Hz, 20VA
Internal power supply:	rechargeable NiMH battery
Protection fuse:	T 200mA H 250V
Battery life:	> 1000 test (@ 5kV on 5M)
AutoPowerOFF:	After 5 minutes of idleness
Internal memory:	700 locations
Serial interface:	RS-232 optoinsulated
Safety:	IEC/EN61010-1, IEC/EN61557-1
Insulation :	double insulation
Pollution degree :	2
Mechanical protection :	IP53 (closed case)
Category of measure:	CAT IV 600V (to ground)
Size (LxWxH):	360x310x195mm
Weight:	3.5kg

**ACCESSORIES**

ACCESSORIES	Code
<b>Standard</b>	
Set of 3 cables with alligator clips + 2 cables with test leads	KIT14000
Power supply cord	C7001
Carrying bag for accessories	BORSA2000N
PC software + RS-232 serial cable	TOPVIEW
ISO9000 calibration certificate	
User manual	

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HV007051

