

SIRIUS87

MULTIFUNCTION INSTRUMENT FOR COMPLETE TESTS ON CIVIL AND INDUSTRIAL ELECTRIC SYSTEMS

SIRIUS87 is the model of the multifunction instrument range by HT ITALIA which is capable of carrying out complete tests on civil and industrial electric systems in compliance with standard IEC/EN61557-1. Thanks to its simple and intuitive use, this instrument allows saving all measurement results in its internal memory and transferring the saved data onto the PC by means of a optical interface in order to print useful measuring reports, to be attached to Declarations of Conformity, with the aid of the dedicated software supplied. SIRIUS 87 also carries out loop/line impedance measurements and calculates the assumed short-circuit current with high-resolution (0.1m Ω) with the aid of the optional accessory IMP57. In this way, it is possible to obtain precise measurement results, also near HV/LV transformation cabs, where the inductive effect due to the presence of the transformer is significant, and therefore also allows correctly choosing the appropriate protections in industrial systems.

FUNCTIONS
Continuity of protective conductors with 200mA
Insulation resistance with 50,100,250, 500,1000VDC
Line/Loop impedance Phase-Phase, Phase-Neutral, Phase-PE also with high-resolution (0.1m Ω), with optional accessory IMP57
Prospective short circuit current
Contact voltage
AC voltage and frequency
Tripping time and current on RCDs type A, AC General and Selective with 10,30,100,300,500mA
Global earth resistance without RCD tripping
Earth resistance by 2-wire and 3-wire method
Ground resistivity with 4-wire method
Phase sequence indication
Storage in memory up to 350 measurement results
Optical/USB interface for communication to PC
Power supply: 6x1.5V alkaline batteries type AA LR03
Safety: IEC/EN61010-1, CAT III 265V (to ground), CAT III 460V (between inputs)
Size (LxWxH): 222x165x105mm
Weight (included batteries): 1.2kg

ACCESSORIES	Code
Standard	
3-terminal cable with SHUKO plug	C2033X
Set of 4 cables + 4 alligator clips + 2 test leads	KITGSC5
Set of 4 cables + 4 metal earth probes	KITERRNE
PC Windows software + optical / USB cable	TOPVIEW2006
Carrying bag	BORSA2051
ISO9000 calibration certificate	
User manual	
Optional	
Accessory for Loop impedance with high resolution	IMP57
Set of straps for carrying belt	CN0050
Magnetic adapter	606-IECN
Safety flexible alligator clip	6007-IEC#



IMP57- Accessory for measuring Loop Impedance with high resolution



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