



ORDER CODE HV000075

M75

SAFETY VERIFICATION DEVICES IN COMPLIANCE WITH STANDARD IEC/EN61557-1 WITH TRMS MULTIMETER AND LAN RJ-45 NETWORK CABLE MAPPING FUNCTIONS

YouTube

M75 is the **mobile device** par excellence! HT suggests operators who mainly work on **domestic installations** to **ALWAYS have M75 at hand**. Here's the reason why: it is very **easy to use**, very **small in size** and it fully **automatically carries out all necessary tests** to establish COMPLIANCE (and hence ensure SAFETY) of a domestic electric system.

ALWAYS using it **before starting working** on an already existing system the operator does not know well and always using it at the end of the job will **guarantee the necessary safety** to both operators and users of the electric systems!

Thanks to its small size, this device offers **many operating opportunities**. M75 is used for testing the safety of electric systems, so for measuring **non-trip earth resistance, testing RCDs type A and AC, insulation and continuity of protective conductors**.

In order to make it versatile and fully functional for any kind of end user, the device has been provided with the innovative **AUTO function**: by selecting this function and **only setting the value of RCD current**, M75, **connected to a power outlet**, carries out tests of **non-trip earth resistance, RCD tests and insulation tests in a sequence**. At the end of the test, the device shows all results with the indication of compliance or non-compliance with the standards with simple symbols **OK** or **NOT OK**.

This innovative product also offers the following functions: **TRMS multimeter** for AC/DC voltage, AC/DC current (with external clamp), Resistance measurement, Test on LAN cables, Test of phase sequence with a single lead.



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M74

DEVICE FOR SAFETY TESTS ACCORDING TO IEC/EN61557-1 WITH TRMS MULTIMETER FUNCTIONS

M74 measures **Non-trip earth resistance, tripping time of RCDs type AC, Insulation and Continuity of earth and equipotential conductors** according to the laws in force in domestic electric installations.

In order to make it versatile and fully functional for any kind of end user, the device has been provided with the innovative **AUTO function**: by selecting this function and only setting the value of RCD current, M74, connected to a power outlet, carries out **tests of non-trip earth resistance, RCD tests and insulation tests in a sequence**. At the end of the test, the device shows all results with the indication of compliance or non-compliance with the standards with simple symbols **OK** or **NOT OK**.

M74 has many additional functions such as measurement of **phase sequence with 1 terminal**, measurement of **leakage currents with optional clamp transducer** and a powerful **multimeter** function for measuring **voltage and current's true root mean square value TRMS**.



Functions and characteristics

- Continuity of protective conductors with 200mA
- Insulation with 250,500VDC
- Tripping time on General RCDs type AC (up to 300mA) and type A (30mA)
- Tripping current on General RCDs type AC and A (30mA)
- Non-trip earth resistance
- AUTO function (non-trip earth resistance test, RCD tests, insulation tests)
- Phase sequence with 1 and 2 terminals
- Full test on cable mapping of LAN networks with RJ45
- DC/AC TRMS voltage
- DC/AC TRMS current
- Resistance and Continuity test
- Data HOLD, MAX/MIN/AVG
- Measurement of voltage and current PEAK
- Measurement of leakage currents (with optional clamp HT96U)
- **Safety: IEC/EN61010-1**
- **Measurement category: CATIII 550V**
- **Power supply with AA batteries 4x1.5V**
- **Size (LxWxH): 240x100x45 mm**
- **Weight (batteries included): approx. 450 g**

Accessories provided

KIT0075	Set of 2 cables with leads + 2 alligator clips
C2075	2-terminal cable with SHUKO plug
HT4003	Standard 400A/IV clamp
CH1	Remote unit LAN #1
CH2	Remote unit LAN #2
YAAMS0000000	(3x) patch LAN RJ45 cable
BORSA75	Soft carrying bag
	User manual on CD-ROM, calibration certificate ISO9000 and Quick user guide

Optional accessories

HT96U	Standard 1-100-1000A/IV clamp, diam. 54 mm
HT4005K	Standard 5-100A AC/IV clamp
HT4004N	Standard 10-100A DC/IV clamp
NOCANBA	Adapter for connecting HT96U, HT4004, HT4005N
REM3,4,5,6,7,8	Single remote LAN unit, choose between no.3, 4, 5, 6, 7, 8.
REM38	Kit of 6 remote units (no. 3, 4, 5, 6, 7, 8)

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HT4005N	Standard 5-100A AC/IV clamp
HT4004N	Standard 10-100A DC/IV clamp
NOCANBA	Adapter for connecting HT96U, HT4004, HT4005N