

M72 - ISO410

MULTIFUNCTION INSTRUMENT FOR MEASURING INSULATION AND CONTINUITY OF PROTECTIVE CONDUCTORS

Models M72 and ISO410 are innovative instruments for carrying out insulation resistance measurements on civil and industrial electric systems in compliance with standard IEC/EN61557-1 but with a great flexibility for use in compliance with standards such as IEC/EN60204-1 (electric machines) or IEC/EN60439-1 (ANS electric panels). Model ISO410, differently from M72, allows storing each measurement result in its own internal memory and downloading the saved data onto the PC with the aid of the dedicated software. ISO410 also allows carrying out measurements by using a remote probe (optional accessory PR400), which makes it much easier to carry out more measurements one after the other. Model M72 is provided with a powerful multimeter function for measuring quantities in true RMS value (TRMS), which is useful when solving any kind of electric problem.

| FUNCTIONS | M72 | ISO410 |
|---|--------------------|--------------------|
| Continuity with 200mA | • | • |
| Insulation with 250, 500VDC | • | • |
| Insulation with 50, 100, 250, 500, 1000VDC | | • |
| Insulation measuring range | 0.01MΩ-2GΩ | 0.01MΩ-2GΩ |
| Automatic discharge of tested item | • | • |
| Measuring probe self-calibration | • | • |
| Limit setting on measurement | | • |
| Phase sequence indication | • | |
| DC/AC TRMS voltage | • | |
| DC/AC TRMS current | • | |
| Resistance and continuity test | • | |
| Data HOLD, MAX/MIN/AVG | • | |
| Voltage and current PEAK measurement | • | |
| Leakage current measurement (with optional clamp HT96U) | • | |
| Activation of measurements (with optional remote probe PR400) | | • |
| Help on line on the display | | • |
| Storage of results | | • |
| Optical/USB interface for connection to PC | | • |
| Safety | EN61010-1 | EN61010-1 |
| Measurement category | CAT III 265V | CAT III 265V |
| Power supply | 4x1.5V bat.type AA | 6x1.5V bat.type AA |
| Size (LxWxH) mm | 240x100x45 | 222x162x57 |
| Weight (with batteries) | 450g | 1Kg |

| ACCESSORIES | Code |
|---|--------------|
| Standard | |
| Set of 2 cables with test leads + 2 alligator clips (only M72) | KIT0075 |
| Set of 3 cables + 3 alligator clips + 1 test leads (only ISO410) | UNIVERSALKIT |
| Carrying bag (only M72) | BORSA75 |
| Carrying bag (only ISO410) | BORSA75N |
| ISO9000 calibration certificate | |
| User manual on CD-ROM (only ISO410) | |
| Quick reference guide (only ISO410) | |
| Optional | |
| PC Windows software + optical / USB cable (only ISO410) | TOPVIEW2006 |
| Clamp 1-100-1000A/1V AC, diameter 54mm (only M72) | HT96U |
| Clamp 400A AC, diameter 30mm (only M72) | HT4003 |
| Clamp 200A/1V AC, diameter 40mm (only M72) | HT4005K |
| Clamp 10-100A/1V AC/DC, diameter 32mm (only M72) | HT4004N |
| Adapter for connection of HT96U, HT4004N, HT4005K clamps (only M72) | NOCANBA |
| Remote probe (only ISO410) | PR400 |
| Hands-free kit (only ISO410) | SP-0400 |
| Magnetic adapter | 606-IECN |
| Safety flexible alligator clip | 6007-IEC# |



M72
HV000072



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PR400 - Optional remote probe