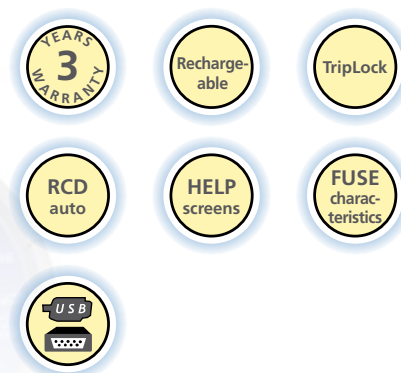


MI 3002 EurotestDL



Downloadable multifunction tester with help screens and Loop impedance tables



The MI 3002 EurotestDL is the ideal unit for engineers who perform high volume testing or work regularly on TT, TN and IT systems. Containing all the necessary tests for installation testing, the MI 3002 EurotestDL can also perform online voltage monitoring, and phase sequence testing. All results can be quickly saved and referenced on the unit while out on site and can be downloaded via the EuroLink PRO software, included in the standard set, to the computer for evaluation of report generation after testing (optional PRO Plus software automatically completes selected NICEIC forms).

KEY FEATURES:

- **Fuse tables** - Built in fuse tables allow for automatic pass/fail evaluation of loop readings according to the regulations.
- **Upgradable** - unit can be upgraded to keep up to date with the latest regulations.
- **Downloadable** - Downloads via RS232 or USB cable via the software included with the unit.
- **Memory** - Unit stores up to 500 results in a multi-layer memory structure.
- **Help screens** - Each test has their own individual help screen describing how to perform a measurement.

- **Multi-system testing** - Tests on TT & TN systems, IT systems and 110 V systems.

- **Built-in charger** - Unit has an in-built charging circuit and comes complete with a set of rechargeable NiMH batteries.

APPLICATION:

- Initial and periodic testing of domestic installations.
- Initial and periodic testing of industrial installations.
- Testing of single and multiphase systems.
- Testing of TT, TN, IT and 110 V systems.

STANDARDS:

Functionality:

EN 61557

Other reference standards for testing:

BS 7671; IEC/EN 60364; EN 61008; EN 61009; EN 60755; AS/NZ 3760; CEI 64.8; HD 384; VDE 413

Electromagnetic compatibility (EMC):

EN 61326

Safety (LVD):

EN 61010-1; EN 61010-031

TECHNICAL SPECIFICATION:

FEATURES	
INSULATION - IEC/ EN 61557-2	
with DC voltage	100 - 1000
Range	0 - 1000 MΩ
CONTINUITY EN 61557-4	
200 mA DC	yes
Range	0 - 1999 Ω
Automatic polarity swap	yes
Low current DC Resistance	yes
LINE/LOOP EN 61557-3	
Ipsc, U L-N-PE, freq	yes
Line impedance measurement	yes
Loop impedance measurement (Ze & Zs)	yes
High accuracy TRIP LOCK RESISTANCE	yes
Built-in Fuse base for PASS/FAIL decision	yes
RCD EN 61557-6	
trip-out t, Id, Uc t@Idn, Uc (Idn)	yes
RCD type	A, AC
RCD Trip time measurement	yes
Ramp test	yes
RCD AUTO	yes
10, 30, 100, 300, 500, 1000 mA	yes
VOLTAGE	
Real-time A.C. voltage measurement	yes
Simultaneous voltage measurement over 3 phases	yes
Frequency measurement	yes
PHASE SEQUENCE EN 61557-7	
L1-L2-L3	yes
SPECIAL FUNCTIONALITIES	
Frequency span	45 - 65 Hz
Supports reduced 55 / 65 V systems	yes
TN/TT and IT earthing system mode	yes
ON LINE WARNINGS / INFORMATION	
Touch electrode	yes
Evaluation PASS/FAIL results	yes
Online voltage monitor	yes
COMMUNICATION PORTS	
RS232	yes
USB	yes
SOFTWARE, MEMORIES	
Number of memories	500
EuroLink PRO	yes
GENERAL	
Safety category	CAT III/600 V
Batteries	6 x AA
IP rating	42
In-built battery charger	yes
Weight	1.3 kg
Dimensions	230 x 103 x 115 mm

KEY FEATURES



EuroLink PRO enables the following activities:

- data downloading,
 - creation of simple report,
 - export of measured data to spreadsheet.
- EuroLink PRO Plus is also enabling printing on NICEIC certificates.

ORDERING INFORMATION:

MI 3002

Standard kit



- Instrument EurotestDL
- Soft carrying bag
- Soft carrying neck belt
- Mains measuring cable (1,5 m)
- Tip commander (2 wire)
- RS232 FW upgrade cable (RS232/ PS cable)
- Test probes (green)
- Test probes (brown)
- Test probes (blue)
- Croc clips (green)
- Croc clips (brown)
- Croc clips (blue)
- Test cable Universal connection 3 x 1,5 m (3 wire lead)
- USB cable
- 6 NiMh AA batteries
- 12 V adaptor mains lead
- Universal 12 V adaptor
- PC SW EuroLink PRO
- Manual on CD
- Start-up guide
- Quick test guide
- Calibration certificate