UNIMET® 810ST

… worldwide safety for medical electrical equipment

UNIMET® 810ST

Bender quality

For over 30 years, "Bender Tester" has been a well-known term for quality and long life cycle in the area of fully automated electrical safety testers. "UNIMET®" became the brand name.

UNIMET® 810ST – compact design – "Made in Germany", the user-friendly one amongst the safety testers.

Made in Germany

Unique in the global market

The first and only safety tester which automatically compares the "reference values" with later measurements according to the standards. UNIMET® 810ST allows to define your own test procedures. Device history protocols (log book) can be managed by means of the free add-on PC software.

Features

- The Windows user interface provides an easy-to-use solution
- Data exchange and memory via Control Center
- Automatic, semi-automatic and manual test sequences
- Data input via touch screen, keyboard or barcode scanner
- Visual inspection, electrical safety and functional test user-definable
- Test sequences user-definable
- Data memory > 10.000 data records
- Filter function for fast data selection
- Management of test dates
- Multitenancy
- Catalogue system
- Test probe with two switching contacts for semi-automatic testing of conductive parts not connected to PE

Standard-compliant

Standard compliant tests acc. to:

- IEC 60601-1, 3rd Edition *
- IEC 62353:2014
- DIN EN 62353 (VDE 0751-1):2015-10
- IEC 61010-1:2011-07 *
- ÖVE/ÖNORM EN 62353:2009-01
- DIN VDE 0701-0702:2008-06
- ÖVE E8701-1:03-01

Standard-compliant measurements

- PE conductor resistance
- Insulation resistance
- Earth leakage current
- Protective conductor current
- Equipment leakage current
- Touch current
- Touch voltage
- Direct measurement method
- Differential measurement method
- Equipment leakage current-alternative method
- Applied part leakage current-alternative method
- Applied part leakage current AC and DC
- Patient auxiliary current AC and DC
- Applied part leakage current –
  mains voltage on F-Type
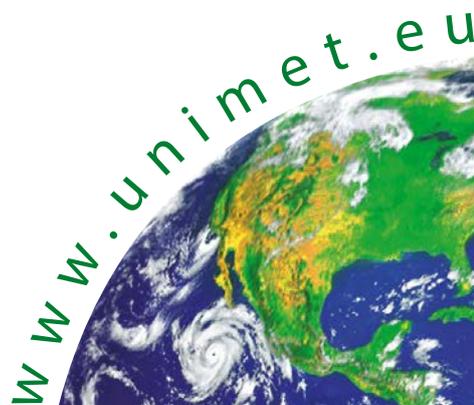
Wide variety of interfaces

- RS-232 interface
- USB port for printer, scanner, keyboard and USB stick connection
- PS/2 port for scanner and keyboard
- Network connection via Ethernet (optional)

Standard accessories

- Carrier bag of robust design and universal carrying concept
- Measuring lead with test probe
- Measuring lead with test clip
- Null-modem cable
- VK701-7 for testing non-heating devices
- Data transfer software UNIMET® Control Center

Service

- 36-month calibration interval
- 36-month warranty
- Software updates to be always up-to-date

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* These standards can be activated as a
  licence in the basic device.

UNIMET® – The user-friendly solution

UNIMET® 810ST – 25 A Version
The test system for manufacturers of medical devices

UNIMET® 810ST
The test system for service purposes

UNIMET® 610ST
Test system for electrical equipment and machines

UNIMET® 400ST
The lightweight version for mobile applications

UNIMET® 300ST
The test system for electric beds

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