

CREATE MEASURE REPORT – PROFITEST

ASSURED SAFETY FOR
PEOPLE, ANIMALS, BUILDINGS
AND ELECTRICAL SYSTEMS





Protective measures in electrical systems are intended to prevent bodily injury due to accidents involving electrical current.



INSTALLATION TESTER

BEST IN ITS CLASS

The PROFITEST INTRO provides professional electricians with a universal, compact and rugged, state-of-the-art measuring tool.

All measurements for testing the effectiveness of safety measures in electrical systems can be executed as required by IEC 60364-6 (DIN VDE 0100-600) and other country-specific standards, and as specified in the individual sections of DIN EN 61557 (VDE 0413).

Thanks to its intelligent and ergonomic design, intuitive operation and an advanced technical concept, it's aligned consistently to routine daily tasks making it the ideal companion for any electrician.

HIGHLIGHTS

- **EASY SELECTION** – measuring functions selectable via rotary switch
- **MENU DRIVEN OPERATION** – saves time and increases the number of tests
- **LIGHTWEIGHT, COMPACT, ROBUST HOUSING** – thanks to 2-component technology
- **QUICK AND EASY GENERATION OF A LEGALLY SECURE REPORT**
create – measure – save – report
- **COMPATIBILITY** – with PROFITEST Master series including ETC software
- **PRECISION MEASUREMENT** – by means of intelligent offset management

YOUR ADVANTAGES

- **USER SAFETY** – PE detection / connection via finger contact
- **TEST INSTRUMENT SAFETY** – measuring category: 600V CAT III / 300V CAT IV
- **ALWAYS UP TO DATE** – all measurements per IEC 60354-6
- **FUTURE-ORIENTED** – for testing in accordance with the standards – even ten years down the road

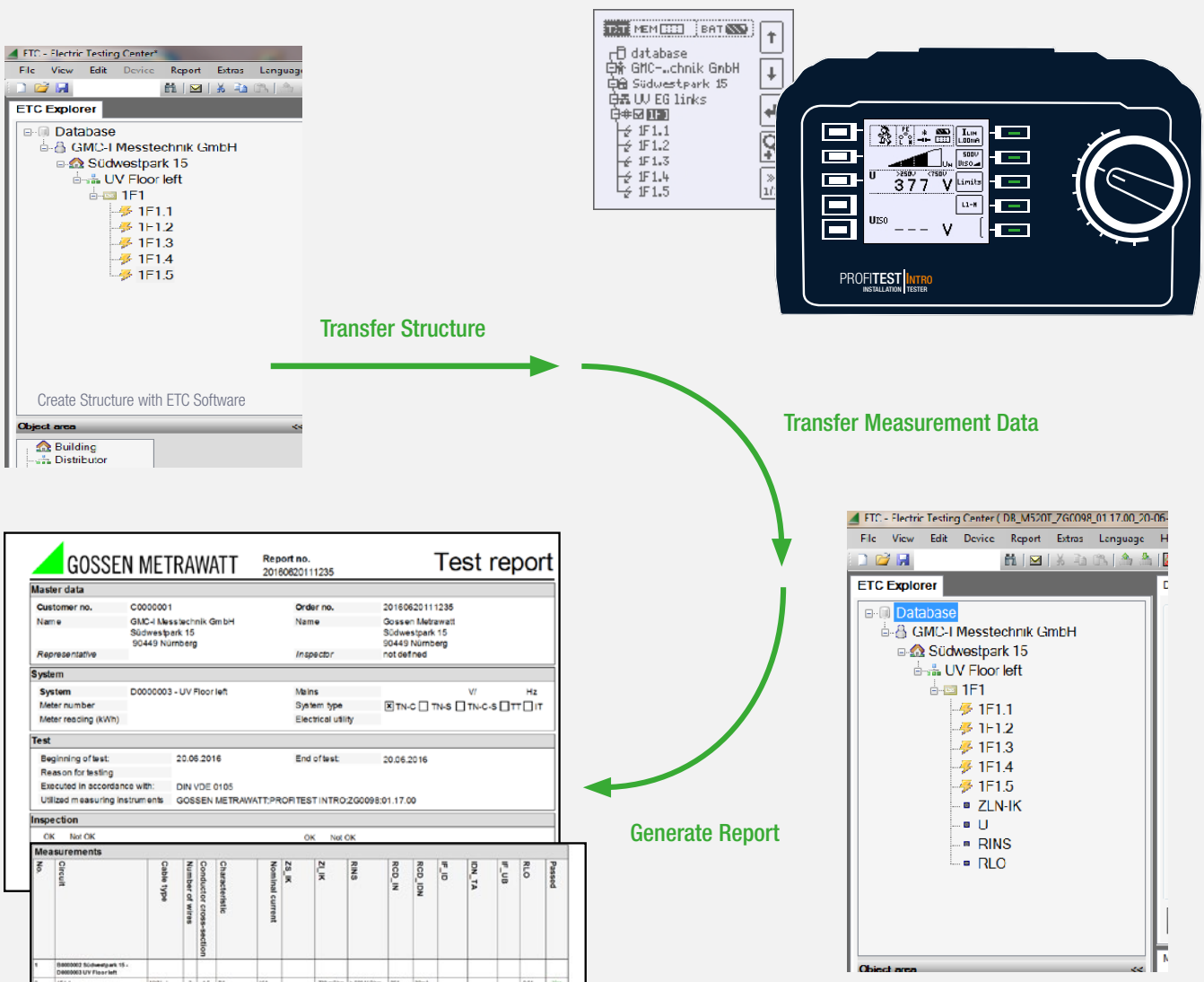
ADDITIONAL FEATURES

- **CLEAR-CUT, ILLUMINATED DISPLAY AND CONTROLS**
- **ON-SITE HELP** – help function with wiring diagrams
- **SUITABLE FOR ANY MEASURING TASK** – comprehensive accessories
- **INFORMATIVE** – registration with myGMC assures up-to-dateness and compliance with standards

TECHNICAL DATA

- Measurement of R_{LO} , Z_{L-PE} , Z_{L-N} , R_{INS} , R_E , ΔU , rotary field, voltage, voltage drop
- Testing of RCD types A, AC, F, B, B+, EV, MI and G/R, as well as SRCDs and PRCDs
- RCD test with continuously rising ramp, time to trip, tripping current
- Measurement of internal system resistance and fault loop resistance without tripping the RCD
- Low-resistance measurement for protective and equipotential bonding conductors with automatic polarity reversal
- Insulation measurement with rising ramp
- Varistor response test with rising ramp and variable test current
- Measurement of earth loop resistance
- Voltage measurement UN: 120V, 230V, 400V
- Measuring category: 600V CAT III / 300V CAT IV
- Individual measured value memory for approx. 50,000 objects
- Bidirectional data exchange via USB
- Connection of an RFID reader or a barcode scanner
- PRO-JUMPER for easy measurement cable compensation
- ETC software (Electrical Testing Center) for, amongst other functions, creating system structures and documentation

QUICK AND EASY REPORT GENERATION





PE Detection via Finger Contact

The PROFITEST INTRO fulfills the requirements of applicable European and national EU directives, and is manufactured and tested in accordance with safety regulations IEC 61010-1/EN 61010-1/VDE 0411-1.

The test instrument automatically configures all operating conditions which it's capable of ascertaining itself, and detects whether or not dangerous touch voltage U_b is present at the PE terminal relative to ground when a measurement is started, if the ON/START key is touched with a finger.

Creating System Structures with a Barcode Scanner

The PROFITEST INTRO permits data entry via the RS 232 port with the help of a barcode scanner or an RFID reader.

This unique function assures maximum operating convenience for creating and expanding tree structures (customers, buildings, distributors etc.), searching for designations or IDs, navigating through the mode, creating test texts, inspection and trial tests, creating defects lists and much more.

Data processing, measurement and visual inspection can be executed immediately without cumbersome reconfiguration of plugs or switches – the basis for meaningful documentation.



PACKAGES

PROFITEST INTRO Starter Package

Article No. M503A

Consisting of: PROFITEST INTRO, PRO-Schuko measuring adapter, PRO jumper, F2010 pouch, compact battery pack, charger

PROFITEST INTRO Master Package



Article No. M503B

Consisting of: PROFITEST INTRO, test probe with remote triggering, Vario plug adapter set, probe set, PRO-Schuko measuring adapter, PRO jumper, SORTIMO L Boxx with insert, compact battery pack, charger

ACCESSORIES

- Country-specific adapters
- Country-specific short-circuit adapters
- Test probe with remote triggering
- Test probes for control technology
- Various 3-phase current adapters
- Vario plug adapter set
- Pouches and cases
- Report generating software
- Magnetic test probes

GMC INSTRUMENTS

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Scan the QR code to obtain further information on the PROFITEST INTRO test instrument.