

PROFITEST | INTRO

INSTALLATION | TESTER

DIN VDE 0100-410

CSN 33 2000-6

ÖVE/ÖNORM 8001-6

NEN 1010-6

DIN VDE 0105-100

IEC/ DIN EN 61010

CEI 64-8

NIV / NIN

DIN VDE 0100-600

0100-410

E 0411

CEI 64-8

010-6



- ▲ Tester for Testing Safety Measures in Electrical Installations per IEC 60364-6
- ▲ Measurement of R_{LO} , Z_{L-PE} , Z_{L-N} , R_{ISO} , R_E , ΔU , phase sequence and voltage
- ▲ Testing of RCD types A, AC, F, B, B+, EV, MI and G/R, as well as SRCDs and PRCDs
- ▲ Individual measured value memory and memory structure setup
- ▲ Bidirectional data exchange via USB, DDS-CAD and epINSTROM
- ▲ Measuring category: 600 V CAT III / 300 V CAT IV

PROFITEST INTRO

The PROFITEST INTRO provides professional electricians with a universal, compact and rugged, state-of-the-art measuring tool. The test instrument is capable of executing all measurements for testing the effectiveness of safety measures in electrical systems 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.

Working Efficiently Around the World

- ▲ Intuitive operation
- ▲ Measuring functions can be selected directly via the rotary switch
- ▲ Background illumination
- ▲ Help functions with wiring diagrams
- ▲ International prompting (12 languages)



DATA DESIGN SYSTEM®

EASY transfer stands for direct incorporation of the PROFITEST product range into DDS-CAD planning software.

ep INSTROM
Einfach. Clever. Professionell

Observance of International Standards

IEC/ DIN EN 61010; VDE 0411, IEC 60364 / DIN VDE 0100-600 / DIN VDE 0105-100, IEC/ DIN EN 61557 / VDE 0413, CEI 64-8, ÖVE/ÖNORM 8001-6, NIV / NIN, CSN 33 2000-6, NEN 1010-6, IEC 60364-4-41 / DIN VDE 0100-410




Technical Characteristics

- ▲ Low-resistance measurement for protective and equipotential bonding conductors with automatic polarity reversal
- ▲ Highly accurate measurement of internal system and fault loop impedance without tripping the RCD
- ▲ RCD test with continuously rising ramp, time to trip, tripping current
- ▲ Insulation measurement with rising ramp
- ▲ Varistor response test with rising ramp and variable test current
- ▲ Earthing resistance measurement
- ▲ Voltage drop measurement
- ▲ Voltage measurement for U_N 120, 230 and 400 V, phase sequence
- ▲ Individual measured value memory for approx. 50,000 objects / measured values
- ▲ ETC software (Electrical Testing Center) for, amongst other functions, creating tree structures and documentation per ZVEH
- ▲ Bidirectional data exchange via USB, DDS-CAD and epINSTROM
- ▲ Connection of an RFID reader or a barcode scanner
- ▲ PRO-JUMPER for easy measurement cable compensation

Creation of a memory structure at the test instrument via PROFISCAN and/or ETC

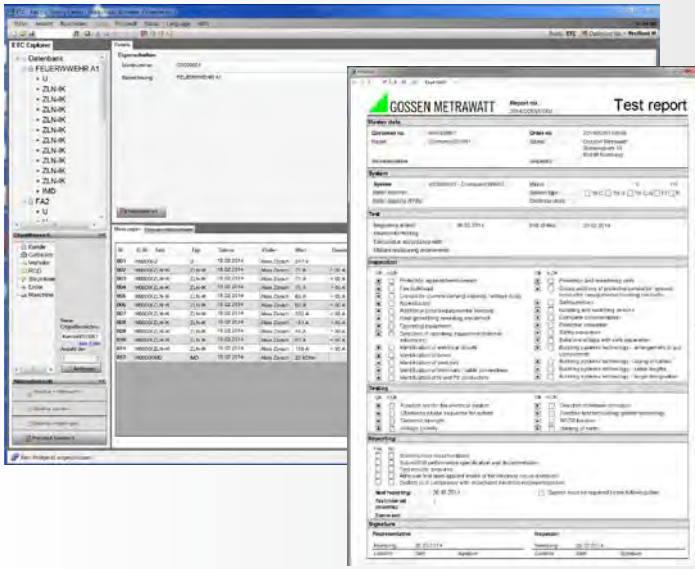
Barcodeliste (001 / Kindergarten Zauberschloss, Bergische Gasse 5, 52066 Aachen)

 GOSSEN METRAWATT

Nr	Art	Identnummer	Objekt	Text	Barcode
00001	Verteiler	A001	Kindergarten Zauberschloss, Bergische Gasse 5, 52066 Aachen - Sicherheitstechnische	UV-Erdgeschoss -	
00002			database	bergeschoss -	
00003			Familie Müller	bergeschoss -	
			Südwestpark		
			Keller		
			FI 001		
			Faum 001		
			Spuelmaschine		
			Waschmaschine		
			Kuehlschrank		



Professional ETC software (Electric Testing Center)



ETC offers a wide variety of support options for data acquisition and management.

- ▲ Distribution structures with electrical circuit and RCD data can be individually defined.
- ▲ Created structures can be saved to memory and uploaded to the test instrument as required.
- ▲ Acquisition of all important data for documentation
- ▲ Automatic generation of (ZVEH) test reports
- ▲ Data export to Excel, CSV and XML formats
- ▲ Multilingual user interface

Accessories:

Type	Brief Description	Article Number
PROFITEST INTRO	Test instrument for testing the effectiveness of safety measures per IEC 60364-6 (DIN VDE 0100-600) and EN 61557 (VDE 0413)	M520T
KS-PROFITEST INTRO	Cable set – measurement cables with test probe and safety caps for 600 V CAT III / 300 V CAT IV, as well as alligator clips for 1000 V CAT III	Z503L
Test probe with remote triggering	For METRISO INTRO, BASE, TECH, PRO, XTRA and PROFITEST INTRO	Z550A
PRO-JUMPER	Touch-guarded short-circuit adapter for measurement cable compensation, Schuko	Z503J
PRO-Schuko measuring adapter	Single-phase measuring adapter, 230 V AC, touch-guarded, measuring category: CAT III 300 V, 16 A	Z503K
PRO-CH measuring adapter	Single-phase measuring adapter, 230 V AC, touch-guarded, measuring category: CAT III 300 V, 16 A	Z503M
PRO-GB measuring adapter	Single-phase measuring adapter, 230 V AC, touch-guarded, measuring category: CAT III 300 V, 16 A	Z503N
Probe set	Set of test probes, CAT III / 600 V, 1 A	Z503F
PRO-PE Clip	Flat test clip for contacting busbars quickly and safely	Z503G
SORTIMO L-BOXX GMC-I	Plastic system case made of impact resistant ABS, option – foam insert (Z503M)	Z503D
SORTIMO L-BOXX insert	Foam insert for SORTIMO L-BOXX GMC-I with compartment for M520T	Z5030
Ever-ready case	For PROFITEST INTRO with external pocket for measurement cable	Z550C
F2010 universal carrying pouch	F2010 universal carrying pouch with flexible compartments and display protection	Z700G



PRO-Schuko measuring adapter



Probe set



Test probe with remote triggering



F2010 universal carrying pouch



Ever-ready case



SORTIMO L-BOXX GMC-I



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