GOSSEN METRAWATT

SIMPLY SAFER – SECUTEST

RELIABLE, COMPREHENSIVE AND
EFFICIENT TESTING OF THE PROTECTIVE
MEASURES OF ELECTRIC DEVICES

SECUTEST SERIES

SECUTEST BASE · SECUTEST PRO

IQ

The SECUTEST range of test instruments for testing the protective measures of electric devices up to 400 V

THE SECUTEST RANGE

SIMPLY SAFER!

The new SECUTEST generation now provides you with even more safety when testing the protective measures of electric devices. The unique operating concept based on a rotary switch with two operating levels assures error-free, quick and safe testing. The optimized test cycles make it additionally possible to complete more tests per day.

User-defined, application-specific test sequences can be easily created at any time with the database expansion and assigned to a switch position.

COMPLIANCE WITH LAWS, REGULATIONS AND STANDARDS MADE EASY

Testing of the electrical safety of electric devices is necessary in many applications and is required in accordance with legislation and regulations set forth by official authorities, operating companies and insurance companies. SECUTEST test instruments make it possible for electro-technically trained persons to conduct quick and safe testing in accordance with a great variety of various application and product standards, for example:

- DIN VDE 0701-0702
- IEC / DIN EN 62353
- IEC / DIN EN 60974-4

(can be extended to include:

- NEN 3140
- OVE 8701
- SNR 46 2638
- AZ/NS 3760
- STN 33 1610
- CSN 33 1600
- IEC / DIN EN 60601, 60335, 61010, etc.)

HIGHLIGHTS

- **TEST SEQUENCES**
  8 + 1 preconfigured test sequences and 24 customized sequences for testing devices quickly

- **AUTOMATIC CONNECTION DETECTION**
  Automatic DUT connection and protection category detection

- **MULTIPLE MEASUREMENT**
  Unique multiple measurement permits convenient recording of several measuring points.

- **PUSH-PRINT FUNCTION ***
  The results of an individual test can be simply and conveniently transferred to the application software.

- **EASY OPERATION**
  Quick access to measuring and test functions via the rotary switch with two operating levels, **direct selection keys, softkeys and touch-screen option**

- **HIGHLY LEGIBLE DISPLAY**
  High-resolution, brilliant 4.3" TFT color display

- **UNIVERSAL INTERFACE**
  For direct entry (2 ea. USB A) and data exchange (1 ea. USB B), report and barcode printing with compatible printers

- **OBJECT RELOCATION***
  Structure elements, including subordinate elements, can be moved within the test object database in the test instrument.

- **DATA MANAGEMENT & STORAGE CONCEPT**
  Extensive data management and storage concept for automated test sequences and individual measurements – for up to 50,000 data records

- **RUGGED HOUSING**
  Compact, impact resistant housing with integrated rubber protector

- **USER-FRIENDLY**
  Suitable for use by electro-technically trained persons

- **2-TREE STRUCTURE***
  The instruments database tree includes a "Customer" as well as a "Location" tree view.

FEATURES AND FUNCTIONS

- Measurement type, connection type and measuring method can be selected with a key
- Selectable leakage current measurement method: direct/differential/alternative
- Testing of protective conductor resistance at DUTs with PRCDs
- Testing of permanently connected devices and 3-phase devices **
- Voltage measurement up to 300 V **
- Testing of single and multi-phase extension cables **
- Including **IZYTRONIQ** report and data exchange software
- Extensive setting options for international use (language, keyboard, character set, date, time)
- DB+ Z583R database expansion for bidirectional data exchange, remote control and DB Comfort package (Z583S) for the generation of personalized test sequences

	SECUTEST		
	BASE IQ	**PRO IQ**	**PRO BT COMFORT IQ**
	M705A	**M705C**	**M705E**
10 A R_{PE} test current	–	■	■
25 A R_{PE} test current	–	–	–
Touchscreen keyboard	–	■	■
Second test probe	–	■	■
Voltage measuring inputs	–	■	■
Database expansion	❑	■	■
DB Comfort	❑	❑	■

* Included with DB Comfort ❑ Optionally available **Customer-specific variants upon request**
** Required depending on model and/or optional accessory

CONNECTING INTELLIGENCE

A NEW DIMENSION OF TEST TECHNOLOGY
QUICK AND EASY SETUP OF COMPLEX STRUCTURES AND TESTS

IZYTRON .IQ

IZYTRONIQ is newly developed test software with which the entire testing scenario can be visualized, managed and documented in an audit-proof, instrument-independent fashion. And thus for the first time ever, you can combine and document measurement and test data from various test instruments and multimeters into a single test.

- **INTELLIGENT** – IZYTRONIQ is revolutionizing the way you work with your test equipment.

- **SECURE** – audit-proof test documentation

- **EFFICIENT** – quick test documentation

- **SIMPLE** – intuitive operation, simple and easy to understand

- **FLEXIBLE** – can be subsequently expanded

For more information visit www.izytroniq.com

DB-COMFORT – SOFTWARE EXPANSION

ADDITIONALLY AVAILABLE

- **New "medical" database object** – device with extended entry options
- **Extended input** – New database field „Test interval" also for synchronization with IZYTRONIQ.
- **Moving test objects** – moving (medical) devices within the tree can be initiated by pressing and holding the respective element in the tree display.
- **Touch-edit** – "editing" of a (medical) device can be started by pressing and holding the respective element of the detail display in the main window.
- **Auto-store** – the auto-store function can be activated in the setup menu so that the results of automatic testing are saved immediately under the selected test object.
- **Push-print** – a computer connected to the test instrument can cause the SECUTEST to enter a mode in which data are transmitted directly to the connected PC instead of being stored at the tester.
- **Quick edit** – the quick edit option can be activated when entering a new test object so that all other fields can be filled out immediately after entering the ID number.
- **Searches** – searches started with the "Search All" softkey now search the new "UDI" field (unique device identification) at medical devices as well.
- **Memory** – Navigating in the memory via external keyboard (as from version 3.0.0).
- **Selection option** – „Continue test sequence in spite of violation of limit value" (as from version 3.0).

Article no. Z583S

SIMPLY SAFER

SIMPLY UP-TO-DATE

FOR TESTING IN ACCORDANCE WITH THE STANDARDS – EVEN TEN YEARS DOWN THE ROAD

- Adaptation of firmware to current standards
- Can be updated for future expansions and changes
- Calibration with DAkkS certificate – traceability for your ISO certification

SIMPLY MORE DIVERSE

THE SAFETY TESTER FOR ALL DEVICES UP TO 400 V WITH AND WITHOUT PLUG

- Covers a broad range of standards
- Highly accurate
- Testing with 2 test probes *
- Voltage measuring input *

SIMPLY FUTURE-PROOF

EVEN AFTER 10 YEARS, WE CAN ASSURE THAT YOUR SECUTEST WILL STILL WORK.

- 10-year service guarantee
- User support for questions about testing
- Own calibration center with DAkkS certificate

SIMPLY FASTER

FOR MORE TESTS PER DAY

- Quick test selection with the unique rotary switch
- Quick testing thanks to short, optimized test cycles
- Predefined test sequences in accordance with the standards
- Unique sequence designer for user-defined tests *
- One of the fastest test instruments on the market

SIMPLY MORE SIMPLE

FOR TESTS WHICH WORK STRAIGHT-AWAY

- Multi-stage selection knob and quick-select keys ensure simple, error-free operation
- Interactive user guidance with precise instructions
- The large color display supports user guidance
- Quick and reliable test results
- For testing that works immediately

SIMPLY MORE DURABLE

FOR INVESTMENTS THAT PAY OFF

- Rugged housing for high impact resistance
- Tried and tested design with top quality modules
- In use for 20 years in many cases

* Required depending on model and/or optional accessory

ADDED VALUE – FROM GOSSEN METRAWATT

TRAINING CENTER

Ongoing qualification enjoys top priority, because complex measuring tasks, standards and regulations are subject to continuous change. Our instructors are experienced experts who are familiar with the requirements based on their own actual practice and always keep themselves up to date.

We can provide you with:
- Training at GMC-I's training center
- Training on-site at your location
- Individualized training concepts customized to meet your needs
- Webinars on selected topics

PRODUCT SUPPORT

Our product support department makes numerous support services available, regardless of whether you need to solve a problem with a product, require on-site technical support, want help with one of our software products or are seeking technical advice regarding standards or measuring applications.

We can provide you with:
- Telephone and e-mail support for technical questions and problems
- Consultation concerning applicable standards and products
- Software support
- Extensive FAQs

CALIBRATION CENTER

Calibration as a standard feature is an essential QA factor for professional test equipment monitoring. Our calibration center is accredited per DIN EN ISO / IEC 17025 as a DAkkS calibration lab under registration no. D-K-15080-01-01.

Our services:
- DAkkS calibration
- Factory calibration
- Test equipment monitoring
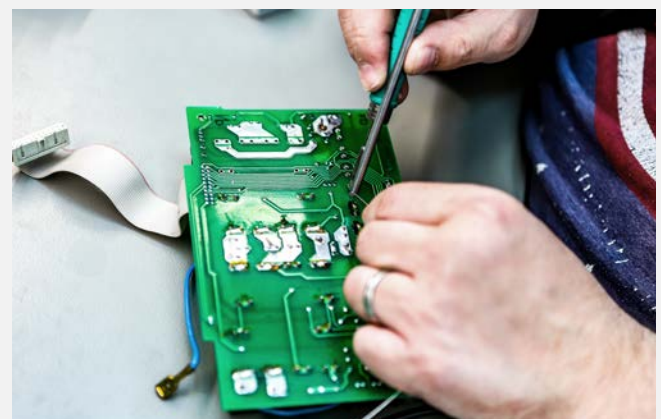- Verification of energy meters at our state-approved test laboratory

SERVICE CENTER

In order to assure that your measuring and test instruments are always ready for use, the employees at our GMC-I Service Center complete any necessary repairs quickly, reliably and economically.

Our services:
- Repair services executed by qualified personnel
- Rental instrument service
- Replacement parts for a long service life
- Update service for reliable measuring and testing in the future as well

STANDARD MODELS

SECUTEST BASE IQ
ARTICLE NO. M705A

- 200 mA (+/−, ±, ~) test current for the protective conductor test
- German user interface
- Earthing contact mains connection and test socket
- DAkkS calibration certificate in D/GB/FR
- IZYTRONIQ Business Starter

OPTIONS:
- Bluetooth
- Country variants
- Database expansion

SECUTEST PRO IQ
ARTICLE NO. M705C

Same as SECUTEST BASE IQ plus:

- 10 A (~) test current for the protective conductor test
- Touch display for data entry
- Electrically isolated voltage measuring inputs
- Measurement with two probes
- Database expansion:
  - Remote Control
  - Import/export via **IZYTRONIQ Business Starter**, USB
  - Creation of your own test sequences
  - Creation of your own test report templates
  - Extended location data

SECUTEST PRO BT Comfort IQ
ARTICLE NO. M705E

Same as SECUTEST PRO IQ plus:

- DB Comfort features package
- Bluetooth

INSTRUMENT SETS

SECUTEST BASE IQ starter package
Article no. M706A
Consisting of: SECUTEST BASE, SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, brush probe
IZYTRONIQ BUSINESS Advanced

DB+ IQ master package
Article no. M706D
Consisting of: SECUTEST BASE 10 (including DB+ database expansion), SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, barcode reader with USB port
IZYTRONIQ BUSINESS Professional

SECUTEST PRO IQ 3-phase package
Article no. M706S
Consisting of: SECUTEST PRO, SORTIMO L-BOXX plastic system case, foam insert, AT16-DI adapter, EL1 adapter, SK2 probe(2 m), barcode reader with USB port
IZYTRONIQ BUSINESS Professional

SECUTEST PRO IQ welder's package
Article no. M706P
Consisting of: SECUTEST PRO, 2 ea. SORTIMO L-BOXX plastic system case, 2 foam inserts, AT16-DI adapter, SECULOAD-N test adapter, CEE16A adapter cable
IZYTRONIQ BUSINESS Professional

SECUTEST PRO IQ PROFESSIONAL PACKAGE
ARTICLE NO. M706M
Consisting of: SECUTEST PRO, SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, SK2 probe (2 m), barcode reader with USB port
IZYTRONIQ BUSINESS Professional

SECUTEST PRO IQ comfort package
Article no. M706V
Consisting of: SECUTEST PRO, SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, SK2 probe (2 m), barcode reader with USB port, DB Comfort software expansion
IZYTRONIQ BUSINESS Professional

ACCESSORIES

- 3-phase current adapter (active/passive)
- Adapter for 3-phase extension cords
- Various special cables
- Calibration adapter
- Leakage current clamp meter
- Temperature sensors

- Thermal printer
- Barcode reader / barcode printer / RFID reader
- Report generating and management software with and without database
- Pouches and cases
- Option: DB
- Option: DB Comfort

GMC INSTRUMENTS

GOSSEN METRAWATT

CAMILLE BAUER