

SIMPLY SAFER – SECUTEST ST SERIES

RELIABLE, COMPREHENSIVE AND
EFFICIENT TESTING OF THE
ELECTRICAL SAFETY OF ELECTRIC DEVICES



**NEW
STANDARDS
PREPARED**

DIN EN 50678 (VDE 0701)
DIN EN 50699 (VDE 0702)

SECUTEST ST RANGE

SECUTEST ST BASE • SECUTEST ST PRO



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 expansion and changes
- Calibration with DAkkS certificate

SIMPLY MORE DIVERSE

The safety tester for all devices up to 400 V with and without plug

- Covers a broad range of standards
- 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

SIMPLY FAST

For more tests per day

- Test selection via unique rotary switch
- Testing with short, optimized test cycles
- Predefined test sequences in accordance with the standards
- Unique sequence designer for user-defined tests *

SIMPLY SIMPLE

For tests which work straightaway

- Multi-stage selection knob and quick-select keys ensure simple, error-free operation
- Interactive user guidance with precise instructions
- Large color display supports user guidance

SIMPLY 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



The SECUTEST ST range of test instruments for testing the electrical safety of electric devices up to 400 V



THE SECUTEST ST RANGE

SIMPLY SAFER!

The new SECUTEST ST range now provides you with even more safety when testing 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. It's not without good reason that the SECUTEST range has been in use by our customers for more than 20 years in some cases – and it's the best-selling safety tester for all devices up to 400 V with and without plug.

COMPLIANCE WITH LAWS, REGULATIONS AND STANDARDS MADE EASY

Testing 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 ST test instruments make it possible for electro-technically trained persons to conduct quick and safe testing in accordance with a great variety of different application and product standards, for example:

- DIN EN 50678
- DIN EN 50699
- DIN VDE 0701-0702
- IEC / DIN EN 62353
- IEC / DIN EN 60974-4
- ÖVE 8701
- SNR 462638

(can be extended to include IEC / DIN EN 60601, 60335, 61010, 62368 etc.)

HIGHLIGHTS

■ TEST SEQUENCES

Preconfigured, standard-compliant test sequences in accordance with the most common standards for repair and periodic testing, expandable by 24 user-defined test sequences for up to 1,500 test steps

■ 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 touchscreen 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

■ HTML TEST REPORTS

Test documentation accessible regardless of location – always available via Internet browser

■ INTEGRATED TEST SEQUENCES FOR EXTENSION CORDS

Optimized visual inspection questions, continuity test function for "EL1 adapter" measurement type

■ 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 300V **
- Testing of single and multi-phase extension cords **
- 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, maintenance of location data and remote control
- DB Comfort Package (Z853S) with extended functionality

	SECUTEST ST		
	BASE	PRO	PRO BT COMFORT
	M707A	M707B	M707C
10 A R _{PE} test current	–	■	■
Bluetooth	–	–	■
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

IZYTRONIQ

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 INCLUDED

- **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.
- **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.
- **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.
- **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.
- **Move Test Objects** – “moving” (medical) devices within the tree can be initiated by pressing and holding the respective element in the tree display.
- **Search** – searches started with the “Search All” softkey now search the new “UDI” field as well (unique device identification).
- **User Rights** – a role can be allocated to each inspector.
- **Medical Database Object** – device with extended entry options
- **Test Interval Database Field** – also for synchronization with IZYTRONIQ
- **Memory** – navigation within memory via external keyboard (as of version 3.0.0)
- **Selection Option** – “continue test sequence despite limit violation” (as of version 3.0)

Article No. Z853S



STANDARD MODELS

SECUTEST ST BASE

ARTICLE NO. M707A

- 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
- Feature package DB-Comfort

SECUTEST ST PRO

ARTICLE NO. M707B

Same as SECUTEST ST 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 report templates
 - Extended location data

SECUTEST ST PRO BT Comfort

ARTICLE NO. M707C

Same as SECUTEST ST PRO IQ plus:

- DB Comfort features package
- Bluetooth

INSTRUMENT SETS

SECUTEST ST BASE IQ STARTER PACKAGE

Article No. M708A

Consisting of: SECUTEST ST BASE, SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, brush probe IZYTRONIQ BUSINESS Advanced

SECUTEST ST PRO IQ PROFESSIONAL PACKAGE

ARTICLE NO. M708B

Consisting of: SECUTEST ST PRO, SORTIMO L-BOXX plastic system case, foam insert, EL1 adapter, SK2 probe (2 m), barcode reader with USB port IZYTRONIQ BUSINESS Professional

SECUTEST ST PRO IQ COMFORT PACKAGE

Article No. M708C

Consisting of: SECUTEST ST 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

SECUTEST ST PRO IQ WELDING/3-PHASE PACKAGE

Article No. M708D

Consisting of: SECUTEST ST 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

ACCESSORIES

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



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 thanks to their own actual practice and always keep themselves up to date.

We can provide you with:

- Training at GMC-I's training center
- On-site training at your location
- Individualized training concepts customized to meet your needs
- Webinars on selected topics



PRODUCT SUPPORT

Our product support department offers numerous support services – 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-20313-01-01.

Our services:

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

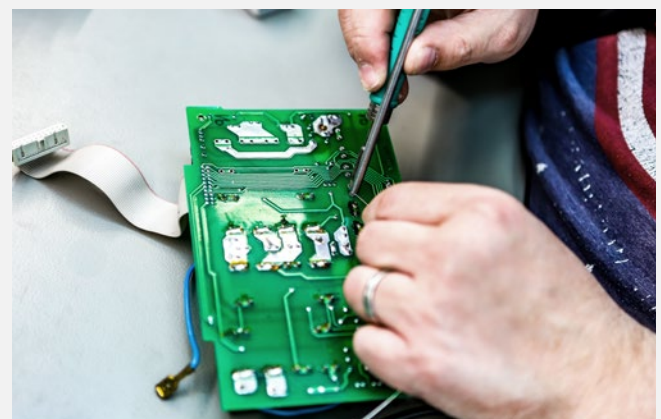


SERVICE CENTER

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





GMC INSTRUMENTS

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