



GOSSEN METRAWATT

Safety through Competence

SECULIFE | HIT  
TRMS SYSTEM | MULTIMETER

SAFETY RIGHT DOWN TO  
THE FINEST DETAIL



SECULIFE®  
PREMIUM CLASS TESTING DEVICES FOR MEDICAL TECHNOLOGY

# TRMS SYSTEM MULTIMETER

THE SECULIFE HIT TRMS MULTIMETER OFFERS AN ENTIRELY NEW DIMENSION OF MEASURING CONVENIENCE: UP-TO-DATE ERGONOMICS, WHICH MAKE MEASURING EVEN EASIER AND SAFER THAN BEFORE. A BROAD RANGE OF FUNCTIONS THAT FULFILL THE REQUIREMENTS OF DEMANDING MEDICAL TECHNOLOGY. AND OF COURSE WORLD-CLASS QUALITY WHICH IS HIGHLY CONVINCING ALL THE WAY DOWN TO THE FINEST DETAILS

Measurement and testing of measuring equipment in the field of medical technology necessitates absolute reliability and a broad range of applications. The SECULIFE HIT has been custom tailored to fulfill these demands. It's the ideal instrument for testing, service, training and production in the field of medical technology. Electrical values for medical products can be ascertained with great precision thanks to the SECULIFE HIT: CAT IV (the highest possible measuring category) and the maximum possible input voltage of up to 1000 V (CAT III) assure greatest possible safety. The SECULIFE HIT is equipped with TRMS AC and AC+DC functions. Measured value storage (data hold) to the 4 MB data memory module makes it possible for the user to concentrate fully on performing the required measurement. Testing of medical devices often necessitates precise measurement of control signals and the adjustment of characteristic electronic values, either with a digital display for fixed values or analog display for dynamic measuring procedures. The SECULIFE HIT offers both types of display at a single instrument, thus making it possible to quickly obtain accurate results – for a great variety of applications. Large characters make it easy to read the illuminated display, regardless of prevailing light conditions. All of the included functions can be conveniently selected with the clear-cut rotary switch. The housing made of non-slip, impact resistant plastic provides ideal protection for the instrument. A filter function (1 kHz low-pass) is integrated into the SECULIFE HIT. The effective value of the measured quantity and the fundamental frequency can thus be measured, even in the case of greatly distorted signals, which are typical with, for example, switched-mode power supplies. The patented automatic blocking sockets (ABS) mechanically prevent inadvertent switching from voltage to current measurement.



## FEATURES

- 23 multimeter functions
- Voltage measurement
- Auto-ranging current measurement from 100  $\mu$ A (resolution 10 nA) to 10 A (16 A)
- Capacitance measurement, resistance measurement, diode and continuity test
- Measuring category 1000 V CAT III and 600 V CAT IV
- 1 kHz low-pass filter
- TRMS AC and AC+DC, 20 kHz bandwidth
- Data memory for more than 15,000 measured values
- Bidirectional infrared interface for communication with the PC (38.4 kBd)
- IR-USB adapter available as option
- Battery operation
- Mains operation via optional broad range variable power pack (95 V...250 V)



- Protection against dust and water: IP 52
- Automatic blocking sockets (ABS)
- Separate battery and fuse compartment
- Made in Germany
- Furnished with DKD calibration certificate



**GMC-I Messtechnik GmbH**

Südwestpark 15  
90449 Nürnberg  
GERMANY

Phone: +49 911 8602-111

Fax: +49 911 8602-777



[www.seculife.eu](http://www.seculife.eu)   [www.gossenmetrawatt.com](http://www.gossenmetrawatt.com)   [info@gossenmetrawatt.com](mailto:info@gossenmetrawatt.com)

