

SECULIFE HIT AM

ANTIMICROBIAL TRMS
MULTIMETER





TRMS multimeter for the most exacting demands with antimicrobial properties for applications in hygienically sensitive areas



METRAHIT

The measurement and testing of measuring equipment in the field of medical technology demand absolute reliability and extensive applications diversity. The SECULIFE HIT_{AM} has been custom tailored to fulfill these requirements:

It's the ideal instrument for testing, service, training and production in the field of medical technology.

Electrical values for medical products are ascertained with great precision. The SECULIFE HIT_{AM} is equipped with TRMS_{AC} and _{AC + DC} functions. 4 MB of data storage make it possible for the user to perform measurements in a highly concentrated manner. The patented automatic blocking sockets (ABS) prevent operator error.

The housing components and the protective rubber cover of the SECULIFE HIT_{AM} are equipped with antimicrobial properties which contribute to the minimization of hygiene risks in sensitive areas.



TECHNICAL DATA

- Bidirectional infrared interface for communication
- Capacitance measurement
- Resistance measurement
- Diode test
- Continuity test (acoustic signals)
- Measurement of 5 V square-wave signals
- Analog scale (bar graph or pointer)
- Automatic storage of measured values
- Storage of MIN / MAX values (40 measurements per second)
- Data storage for more than 15,000 measured values
- Measuring category: 600 V CAT III and 300 V CAT IV
- 1 kHz low-pass filter
- High-voltage sensor
- TRMS_{AC} and _{AC + DC}
- Auto-range current measurement
- Automatic and manual measuring range selection
- Manually lockable measuring range
- Battery and mains operation (optional)

ANTIMICROBIAL

Test instruments with antimicrobial properties contribute to minimizing hygiene risks in all areas with heightened requirements. All instruments included in the SECULIFE AM series are furnished with antimicrobial properties. Technologies have been used to this end which make it possible to implement the desired functionality in housing components and the protective rubber cover.

The term antimicrobial properties includes all of the mechanism of action by means of which the spreading of microbes is impeded, microbial colonization is counteracted and microorganisms are destroyed. Infection not only represents a considerable hazard in the field of health care, for which reason great importance is placed on prevention.

VERSATILE

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 an analog display for dynamic measuring procedures. The SECULIFE HIT_{AM} is equipped with both. Large characters make it easy to read the illuminated display. The utilized measuring method allows for waveshape independent TRMS_{AC} and _{AC + DC} measurement for voltage and current up to 20 kHz. Measured quantities are selected by means of a rotary switch and a function key. The measuring range is automatically matched to the measured values. The measuring range can be selected and locked manually by pressing a key.

SAFE

HIGH-VOLTAGE SENSOR

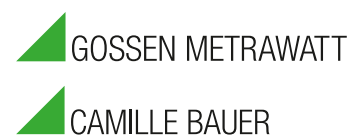
The input signal is examined for contact danger regardless of the selected input function or filtering.

AUTOMATIC BLOCKING SOCKETS

All current ranges are implemented via a single connector jack which prevents any possibility of operator error. Beyond this, the automatic blocking sockets prevent incorrect connection of the measurement cables, as well as selection of the wrong measured quantity.

Patent no. EP 1801 598 and US 7,439,725

GMC INSTRUMENTS



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