

# METRAHIT COIL MULTIMETER



Interturn Short-circuit Detection and Insulation Test

4¾ place multimeter, insulation and motor coil tester for service applications for measuring and testing industrial trucks and other applications which are powered by polyphase motors

## METRA**HIT I C**OIL

Article no. M246C

#### **METRAHIT I COIL Features:**

■ METRAHIT COIL & COIL TEST ADAPTER

Interturn short-circuit detection by means of comparative measurements at the motor coils: asymmetry in case of interturn short-circuit

■ Insulation resistance measurement up to 3.1 GΩ

With detection of interference voltage, test voltages: 50 V, 100 V, 250 V, 500 V, 1000 V

3000 / 30,000 places and basic accuracy of 0.15%

Illuminated LCD with analog and digital measured value display including units of measure/special functions

■ TRMS AC and AC+DC

Waveform-dependent measurement of RMS values up to 10 KHz

- Multimeter functions: VAC, VDC, VAC+DC, AAC, ADC, AAC+DC, ACLIP, Ω, diode / continuity, F, %, Hz, °C/°F (TC, RTD)
- Auto-ranging automatic adjustment of the measuring range for optimized resolution
- 1 kHz low-pass filter can be activated for filtering voltage peaks
- Data memory for up to 15,000 measured values with date and time Patented, automatic storage of measured values after settling in

#### **METRAHIT STARLINE Series Features:**

- Measuring category per IEC 61010-1: CAT III 600 V and CAT II 1000 V Protection against transient overvoltages up to 8 kV
- Automatic blocking sockets<sup>TM</sup> ("ABS"): reduces short-circuits, failures, operating costs etc.
- IP 54 housing, rubber holster

Protected against impacts and dropping, steady stance even when subjected to vibration

Data logging, data processing and remote control of the multimeter via PC,

via IR interface adapter 1) with METRAwin 10 software 1)

■ DAkkS calibration certificate, ISO 9001, 3-year guarantee

### Optional accessories:

- DC/AC and AC currents sensors. as well as AC current transformers
- Bidirectional interface adapter, IR-USB
- METRAwin®10/METRAHit® software
- PT100/PT1000 temperature sensors
- Power pack
- Carrying pouches and hard cases

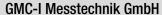
#### Included with the METRAHIT I COIL (M246C):

- METRAHIT COIL multimeter
- COIL test adapter for interturn short-circuit test
- 1 pair of safety measurement cables (KS17-2 cable set)
- 1.5 V batteries, type AA
- Condensed operating instructions, English/German
- CD-ROM with operating instructions in English and German, as well as other available languages
- DAkkS calibration certificate
- Rubber holster

1) Optional accessories







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