

METRAHIT ENERGY

PRODUCT SUMMARY

Part No.: M249A



DESCRIPTION

The METRAHIT ENERGY is a compact, single phase Power and Power Quality meter/logger that includes multimeter functions. It is intended for measuring AC and DC voltage, and current in single-phase systems, with current being measured either directly, or via a current transformer. The METRAHIT ENERGY has a resolution of 60,000 digits and has more than 35 different measuring functions including: active power, reactive power, apparent power, power factor and energy. This powerful multimeter is extremely rugged and reliable with a housing made of impact resistant ABS.

FEATURES

- Digital hand-held multimeter with TRMS measurement
- Power measurement (W, VAR, VA, PF): active, reactive and apparent power, power factor
- Energy measurement (Wh, VARh, VAh) active, reactive and apparent energy, mean power value with adjustable observation period, and maximum value
- Power Quality Analysis: recording of over and under voltage, sags/dips, swells, voltage peaks, and transients in 50 and 60Hz systems
- Harmonic analysis: RMS values and distortion components up to the 15th harmonic at 16.7, 50, 60, and 400Hz
- Special measuring functions: crest factor CF, conductivity nS, low resistance RSL, duty cycle %, cable length
- Resolution of 60,000 digits, triple display, display illumination can be activated under difficult lighting conditions
- 1KHz / -3 dB low-pass filter can be activated
- Direct current measurement from 10nA to 10A, 16A intermittently, current measurement with current transformer clamp and sensors, transformation ratio is taken into account at the display
- Large data memory for up to 300,000 measured values
- Instrument is completely remote controllable using PC software, without activating the unit's rotary switch

APPLICATIONS

- Energy efficiency
- Single phase PQ troubleshooting
- Motor loading, testing and health
- Branch circuit and loading
- Neutral circuit testing

INCLUDES

- MetraHit Energy
- KS29 (3 safety measurement cables)
- Batteries
- Quick guide operating instructions
- CD ROM with operating instructions
- DAkKS calibration certificate (Accredited per ISO/IEC 17025)
- Rubber holster

For more detailed information, please visit www.gossenmetrawattusa.com

Gossen Metrawatt is a world leader in Test and Measurement who designs and manufactures high quality products in Germany.

Dranetz is a world leader in providing intelligent monitoring solutions for electrical demand, energy, and power quality.

Dranetz is the Authorized Distributor for Gossen Metrawatt products in North America.

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