

12.000  
digits

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ABS

DAkKS



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BASE	PRO	TECH	X-TRA	Functions
■	■	■	■	Voltage measurement
■	■	■	■	TRMS AC and AC+DC
1kHz	10kHz	10kHz	20kHz	Bandwidth (TRMS)
100kHz	100kHz	100kHz	1MHz	Frequency measurement
Clamp	10(16)A	10(16)A	10(16)A	Current measurement
	■	■	■	Low-pass filter (1 kHz)
		■	■	Capacitance measurement
			■	IR interface
			4 Mb	Data memory
			■	Mains connection
12	16	20	23	Measuring functions

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**METRAHIT** **A-SERIES**  
TRMS SYSTEM MULTIMETER

## A-SERIES

High-end technology down to the last detail: METRAHIT A series rugged digital multimeters offer persuasive performance features in every respect. They're equipped with state-of-the-art technology and ensure highly accurate results. Their ergonomic design provides maximized operating convenience and safety. With their broad range of functions, they're ideally suited for demanding measuring tasks in many areas.

### Features

- Resolution:  $\pm 12,000$  counts,  $4\frac{1}{2}$ -place
- 3 connector jacks with patented automatic blocking sockets (ABS)
- Furnished with DAkkS calibration certificate
- Large illuminated display with 15 mm characters
- TRMS AC/DC function
- Voltage measurement with a basic accuracy of  $\pm 0.05\%$  (V DC)
- Automatic & manual measuring range selection
- Automatic storage of measured values DATA/MIN/MAX
- Measuring categories: 1000 V CAT III and 600 V CAT IV



METRAHIT|BASE



METRAHIT|Pro



METRAHIT|Tech



METRAHIT|X-TRA



### METRAHIT|BASE

- 12 multimeter functions
- Current measurement via current sensor clamps with adjustable transformation ratio from 1 mV:1 mA to 1 mV:1 A

### METRAHIT|Tech

- 20 multimeter functions
- Direct current measurement with enhanced accuracy for measurements at measuring transducers
- Broad range capacitance measurement

### METRAHIT|Pro

- 16 multimeter functions
- Alternating voltage measurement with reduced input impedance (low-resistance, 1 MOhm)
- 1 kHz / -3 dB low-pass filter can be activated

### METRAHIT|X-TRA

- 23 multimeter functions
- Direct current measurement from 10 nA to 10 A, 16 A for short periods
- Temperature measurement with Pt100(0) resistance sensors
- Broad range capacitance measurement
- Frequency and duty cycle measurements at 2 to 5 V signals up to 1 MHz
- Data memory (15.000 measured values) and bidirectional IR interface
- Protective rubber holster

### Scope of Delivery

- 1 multimeter
- 1 pair of safety measurement cables (1.5 m) with 4 mm test probes, 1000 V CAT III, 600 V CAT IV (KS17-2)
- 2 batteries 1.5 V, type AA
- 1 set of condensed operating instructions, English/German
- 1 CD ROM (multilingual operating instructions)
- 1 DAkkS calibration certificate