

VOLTCRAFT®

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“For more than 25 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

WBM-460 THERMAL IMAGE MULTIMETER

CE

VERSION 08/18

N° 1661486

The WBM-460 combines a fully equipped TrueRMS multimeter with an infrared camera. The measurement values of electrical quantities and contactless temperatures can be shown on the display at the same time. This space- and cost-effective combination is ideal for all service jobs and for preventative maintenance.

FEATURES:

CAT IV 600 V, CAT III 1000 V // True root mean square measurement TrueRMS // 50 Hz infrared camera // Temperature measurement range -20 to +260 °C // 80 x 80 pixel bolometer matrix //

EQUIPMENT:

Direct and alternating current, AC+DC undulatory current indicator, contactless alternating current measurement with optional split-core type current transformer // Direct and alternating voltage, AC+DC undulatory voltage indicator, impedance, acoustic continuity test, capacity, diode test, frequency, duty cycle, contact temperature with sensor type K // Integrated infrared camera with maximum, minimum and spot measurement function // TFT colour monitor 6.1 cm (2,4") // Bar chart display // Auto power off function (can be deactivated) // Min./max., relative and peak function // Data logger for up to 16 measurement series with trend plot display function (XY display with 1 – 4x zoom) // Data hold // Saving of screen image on microSD memory card // Dynamic battery status display //

TECHNICAL DATA:

Multimeter	
Counts	6000
Measurement range V/DC	0.1 mV – 1000 V
Measurement range V/AC	0.001 V – 1000 V
Basic accuracy	±0.09%
Measurement range AAC/DC	0.1 µA – 10.00 A
Measurement range A/AC (splice core)	0.01 – 3000 A (100 mV/A, 10 mV/A, 1 mV/A)
Measurement range for impedance	0.1 Ω – 60 MΩ
Measurement range for frequency	10 Hz – 10 MHz
Measurement range for capacity	0.01 nF – 6000 µF
Measurement range for temperature type K	-40 to +1000 °C
Infrared camera	
Thermal sensitivity NETD	0.1 °C/100 mK
Basic accuracy	±3° or 3%
Emission ratio	0.01 – 0.99
Field of view (FOV)	21° x 21°
Detector (FPA), spectral range	Uncooled microbolometer, 8 – 14 µm
Focus	Fixed focus from 0.5 m



General	
Protection class	2
Protection type	IP65
Power supply	7.4 V Li-ion battery pack, 1500 mAh
Safety	EN61010-1
Dimensions (HxWxL)	197 x 57 x 78 mm
Weight	559 g

PACKAGE CONTENTS:

WBM-460 // Safety measurement cables // Li-ion battery // Charger // Power adapter with folding US-plug // 3 replacement power plugs (EU/GB/AU) // Temperature sensor type K // Adapter plug type K // microSD card (8 GB) // SD card adapter // Strap with magnet // Case // Operating instructions //

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