

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."

VC-460 E DIGITAL MULTIMETER

CE

VERSION 03/17

N° 1500208

The professional digital multimeter VC-460 E is created to be extremely shock-resistant, dust-tight, and protected against water jets, making it ideal for all demanding measurement tasks. The robust device itself withstands against a fall from a height of 2 metres. With the True RMS measurement and the 6000-count display, precise measurement values are determined. A special low-impedance measurement range is integrated for suppressing stray or phantom voltages.

FEATURES:

CAT III 1000 V/CAT IV 600 V // True RMS // 3-phase test for direction // Switchable low-pass filter (LPF) // Heavy duty device protection (IP65, dust-proof and protected against water jets) //

EQUIPMENT:

Standard measurement functions: V-AC/DC, V-AC+DC, LoZ-V/AC, A-AC/DC, resistance, diode test, capacity, frequency, duty cycle in %, acoustic continuity test // peak value acquisition // Data hold // Relative measurement function // Max/Min storage // Auto range/manual range // Automatic disconnection, can be deactivated // Battery change display // Bar display // Automatic display illumination, can be deactivated // Integrated LED lights // Low-pass filter for precise measurement of variable frequency actuator signals (VFC) // 3-phase test for direction // V-AC+DC mixed voltage display //

TECHNICAL DATA:

Display:	6000 Counts
Measurement type:	True RMS
Voltage measurement:	AC/DC
Measurement range V/DC:	0.1 mV - 1000 V
Measurement range V/AC:	0.1 mV - 750 V
Base accuracy:	±0.7 %
Frequency range:	40 Hz - 5 kHz
DC/AC internal resistance:	10 MΩ
Current measurement:	AC/DC
Measurement range A/DC / A/AC:	0.1 μA - 10 A (20 A)
Measurement range Resistance:	0.1 Ω - 60 MΩ



Measurement range Frequency electronic:	60 Hz - 40 MHz (max. 30 Vrms)
Measurement range Frequency electric:	40 Hz - 5 kHz (Sensitivity 200 mVrms)
Duty cycle:	0.1 - 99.9% (<10 kHz)
Measurement range Capacity:	0.001 nF - 60 mF
Measurement category:	CAT III 1000 V, CAT IV 600 V
Degree of contamination	2
Safety in accordance with	EN61010-1
Protection type	IP65 (Dust-tight, and protected against water jets))
Supply voltage:	9 V block
Product dimensions (L x W x H):	195 x 95 x 58 mm
Weight:	approx. 473 g

PACKAGE CONTENTS:

Digital multimeter // 2x CAT IV Safety measuring lines // 9 V Block battery // Safety instructions // Operating instructions (on CD) //

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