

# 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-450 E DIGITAL MULTIMETER

CE

VERSION 02/17

Nº 1500207

The VC-450 E professional digital multimeter is extremely impact resistant, dust tight and water-jet proof and therefore ideal for more demanding measurement tasks. This robust device can even withstand falls from heights of 2 metres. True RMS and a 6,000-count display provide accurate readings. Special built-in low impedance mode to eliminate stray or ghost voltages.

### FEATURES:

CAT III 1000 V/CAT IV 600 V // True RMS // 3-Phase rotating direction display // Heavy-Duty Device Protection (IP65) (dust-tight and jet-water-protected) //

### TECHNICAL DATA:

Display:	6000 Counts
Measuring method:	True RMS
Voltage measurement:	AC/DC
Measuring range V/DC:	0.1 mV - 1000 V
Measuring range V/AC:	0.1 mV - 750 V
Basic accuracy:	±0.7 %
Frequency range:	40 Hz - 400 Hz
DC/AC internal resistance:	10 MΩ
Current measurement:	AC/DC
Measuring range A/DC:	0.1 μA - 10 A (20 A)
Measuring range A/AC:	0.1 μA - 10 A (20 A)
Measuring range resistance:	0.1 Ω - 60 MΩ
Measuring range frequency electronic:	600 Hz - 40 MHz (approx. 30 Vrms)
Measuring range frequenz electrical:	40 - 400 Hz (sensitivity >30 Vrms)
Measuring range capacity:	0.001 nF - 60 mF
Measuring range temperature:	-40 to +1000 °C
3-Phase rotating direction display:	right turning/left turning
Measuring category:	CAT III 1000 V, CAT IV 600 V
Degree of contamination:	2
Safety according to:	EN61010-1
Protection type:	IP65 (dust-tight and jet-water-protected)
Voltage supply:	9 V block
Product dimensions (L x W x H):	195 x 95 x 58 mm
Weight:	approx. 473 g



### EQUIPMENT:

Standard measurement functions: V-AC/DC, LoZ V/AC, A-AC/DC, resistance, diode test, capacitance, frequency, temperature // Acoustic continuity test // Data hold // Relative measuring function // Max/min memory // Auto range/manual range // Automatic power-off (can be disabled) // Battery condition indicator // Automatic backlight (can be disabled) // Integrated LED lamp // 3-phase rotation test with 2 leads //

### PACKAGE CONTENTS:

Digital multimeter // Type K thermal sensor with adapter // 2x CAT IV safety test leads // 9 V block battery // Safety instructions // Operating instructions (on CD) //

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