

## VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

"Since 1982, 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-750E AC CLAMP MULTIMETER



VERSION 12/21

N° 1500205

The professional AC clamp multimeter VC-750E is extremely impact-resistant, dust and splash proof, and thus perfect for any severe duty measuring tasks. The ergonomic housing enables one-hand operation and is very robust due to injected soft rubber protection. It even survives a drop from a height of 2 meters. True RMS measurement and 6000 count display ensure precise value measurement. There is an integrated special low impedance measurement range (LoZ) for ghost or phantom voltage suppression. The clamp multimeter combines standard multimeter functions with a comfortable advantage of a touchless alternating current measurement. With the clamp multimeter you will no longer have to open electric circuit for AC current measurement.

### FEATURES:

CAT IV 600 V // TrueRMS // AC current measurement up to 600 A //  
Opening range for current clamp 33 mm //

### EQUIPMENT:

Standard measuring functions: V-AC/DC, LoZ-V/AC, A-AC/DC,  $\mu$ A-AC/DC, AC+DC- mixing value measurement function // Resistance, diode test, capacity, frequency, pulse ratio, temperature // acoustic continuity test // data hold // relative measuring function // max/min memory // auto/manual range // low-pass filter // inrush start-up current measurement // automatic switch-off, can be deactivated // low battery indicator // automatic display illumination, can be deactivated // 3-phase rotation test with 2 test leads.//

### TECHNICAL DATA:

|                                  |                              |
|----------------------------------|------------------------------|
| Voltage measurement              | AC/DC                        |
| Measurement range V/DC           | 0.001 V - 600 V              |
| Measurement range V/AC           | 0.001 V - 600 V              |
| AC frequency range               | 40 - 400 Hz                  |
| AC/DC inner resistance (V-range) | 10 M $\Omega$                |
| Measuring range $\mu$ A AC/DC    | 1 - 2000 $\mu$ A             |
| Resistance measuring range       | 0.1 $\Omega$ - 60 M $\Omega$ |
| Capacity measuring range         | 0.01 nF - 60 mF              |
| Frequency measuring range        | 10 Hz - 40 MHz               |



|                               |  |
|-------------------------------|--|
| Temperature measuring range   | -40 to +1000 °C  |
| Measurement category          | CAT IV 600 V   |
| Degree of soiling             | 2  |
| Safety according to           | EN 61010-1, EN 61010-031, EN 61010-2-032, EN 61010-2-033 |
| Power supply                  | 3 micro batteries (AAA)                                  |
| Product dimension (L x W x H) | 235 x 83 x 45 mm   |
| Weight                        | 340 g  |

### PACKAGE CONTENTS:

Clamp multimeter // 3 x AAA batteries // 2 x CAT IV safety test leads // Temperature probe (-40 to +250 °C type K) // Safety instructions // Operating instructions (on CD) //

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