

## 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-740E AC CLAMP MULTIMETER

CE  
VERSION 07/17

N° 1500204

The professional AC clamp multimeter VC-740E 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 measurement features: V AC/DC, LoZ V/AC, A AC,  $\mu$ A AC/DC, resistance, diode test, capacity, frequency, temperature // acoustic continuity test // data hold // relative measurement function // max/min memory // auto/manual range // automatic switch off, disableable // battery status display // automatic backlight, disableable // 3-phase rotation direction test with 2 measuring wires //

### TECHNICAL DATA:

|                                  |                               |
|----------------------------------|-------------------------------|
| Voltage measurement              | AC/DC                         |
| Measuring range V/DC             | 0.001 V - 600 V               |
| Measuring 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       | 0.01 $\Omega$ - 60 M $\Omega$ |
| Capacity measuring range         | 0.001 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            | EN61010-1, EN 61010-031,<br>EN 61010-2-032, EN 61010-2-033 |
| Power supply                   | 3x AAA 1.5 V battery                                       |
| Product dimensions (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 with banana plug) // Safety  
instructions // Operating instructions (on CD) //

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