

## VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

"For more than 35 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."

## CLAMP METER

Nº 1693351 // VC-522

Nº 1693352 // VC-523

Nº 2139578 // VC-523 SE

Nº 1693353 // VC-532

Nº 1693354 // VC-533

Robust and ergonomic measuring callipers.

All models are equipped with True RMS for reliable measurement of balanced and unbalanced voltages and currents, non-contact AC Voltage Test (NCV), and switch to light up the measuring area.

Perfect for servicing machines, in control cabinets and also for measuring high currents in automotive and truck electrics.

### FEATURES:

CAT III 600 V // True RMS // Measuring point illumination //

### TECHNICAL DATA:

|                              | VC-522            | VC-523 / VC-523 SE           | VC-532            | VC-533         |
|------------------------------|-------------------|------------------------------|-------------------|----------------|
| Item no.                     | 1693351           | 1693352 / 2139578            | 1693353           | 1693354        |
| Display (counts)             | 4000              |                              | 6000              |                |
| Voltage measurement          |                   | AC/DC                        |                   |                |
| Measurement range voltage AC |                   | 0.001 - 600 V                |                   |                |
| Frequency range              |                   | 50 - 400 Hz                  |                   |                |
| Measurement range voltage DC |                   | 0.1 mV - 600 V               |                   |                |
| Current measurement          | AC                | AC/DC                        | AC                | AC/DC          |
| Measurement range current AC | 0.01 A - 400 A    |                              | 0.1 A - 1000 A    |                |
| Frequency range              |                   | 50 - 60 Hz                   |                   |                |
| Measurement range current DC |                   | 0.01 A - 400 A               |                   | 0.1 A - 1000 A |
| Resistance                   | 0.1 Ω - 40 MΩ     |                              | 0.1 Ω - 60 MΩ     |                |
| Frequency                    |                   | 10 Hz - 10 kHz               |                   |                |
| Temperature                  | -20 to +760 °C    |                              | -20 to +1000 °C   |                |
| Capacity                     | 0.01 nF - 4000 µF |                              | 0.01 nF - 6000 µF |                |
| Basic accuracy               |                   | ±0.8 %                       |                   |                |
| Opening for current probe    | 32 mm             |                              | 36 mm             |                |
| Power supply                 |                   | 3 micro batteries (AAA, LR3) |                   |                |
| Dimensions (L x W x H)       | 208 x 68 x 32 mm  |                              | 237 x 56 x 34 mm  |                |
| Weight                       | 220 g             |                              | 328 g             |                |



Nº 1693351 / VC-522

### PACKAGE CONTENTS:

Current probe // Safety test leads // Temperature sensor Type-K // Measuring adapter type-K // Pocket // 3 micro batteries (type AAA) // Safety data sheet // Operating instructions

### EQUIPMENT:

Measuring functions: current, voltage, resistance, temperature, capacitance, frequency, continuity test, diode testing // Auto/manual range // Data hold function // Relative reference value function // Auto power off function // Non-contact AC voltage detection // Multi-function thread for optional accessories.

Additionally for VC-530 series: Illuminated buttons and rotary switch areas // Bar graph display // Low-pass filter // Max./min. value memory

// Pulse ratio (duty cycle) // Low-impedance function (LoZ) //