

## 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."

# EARTH CLAMP TESTER EMZ-1000

N° 2353913

The Earth clamp tester or loop resistance meter is used for non-contact testing of the ground resistance and loop current in electrical installations. The test instrument with self-luminous inverse LC display, simultaneously displays resistance and alternating current.

### FEATURES:

Dual Display Mode

Loop resistance 0.010 - 1200  $\Omega$

Loop current 0.00 mA - 20.0 A

### TECHNICAL DATA:

|                           |  |
|---------------------------|--|
| Measurement functions     | Ground resistance test, loop current test              |
| Measurement method        | Mutual induction                                       |
| Resolution                | 0.001 $\Omega$ / 0.01 mA                               |
| Basic accuracy            | $\pm(1\% + 0.01 \Omega)$ / $\pm(2.5\% + 1 \text{ mA})$ |
| LC-Display                | 2x 4 counts, inverse illumination                      |
| Opening measuring clamp   | 55 mm x 32 mm  |
| Measurement data memory   | 300  |
| Operating voltage         | 6 V/DC<br>(4 x 1.5 V Alkaline Batterys type AA/LR06)   |
| Safety according to       | EN61010-1, EN61010-031                                 |
| Measurement category      | CAT III 300 V, CAT IV 150 V                            |
| Pollution degree          | 2  |
| Weight                    | approx. 1180 g (incl. batteries)                       |
| Dimensions (L x W x H mm) | 285 x 85 x 58  |

### PACKAGE CONTENTS:

Earth Clamp Tester EMZ-1000 // 4 alkaline batteries, type AA //

Calibration loop // Carrying case // Instruction manual



CE  
VERSION 12/21

### EQUIPMENT:

Data memory for 300 measurements // Adjustable alarm function when limit values are exceeded // Automatic switch-off // Data-hold-function // Setting alarm thresholds for the measurements // Microprocessor controlled, high resolution // Fault indication // Battery level indicator // Inverse illuminated display