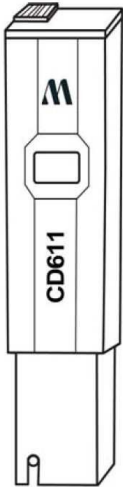


## MANUAL

### ■ CD611

Pocket tester for measuring conductivity



www.milwaukeeinst.com



### **Handling the instrument:**

- Remove the protective cap
- Switch on the instrument with the ON/OFF switch on the top
  - Immerse the electrode in the measured solution up to the maximum immersion level.
  - Carefully stir the solution with the electrode, then wait for the value on the display to stabilize.
  - Read the measured value on the display. This value must be multiplied by 10 for CD600 and 601 or 100 for CD610 and 611 to correspond to the value shown in the upper left corner of the display in ppm (mg/L) or  $\mu\text{S/cm}$  ( $\mu\text{mho/cm}$ )- in

### **Calibration of the instrument:**

- The calibration process is simple and fast. Immerse the electrodes in the optional calibration solution (see technical data) up to the maximum immersion level. Wait for the measurement to stabilize and use a small screwdriver to adjust the calibration screw until the value matches that of the solution.



(by default, with the value that should be shown at 25°C. For example, in the case of the M10030 solution used to calibrate the CD611, the value to be set with a screwdriver is: "128" (multiplied by 100 = 12880  $\mu\text{S/cm}$ ).



Calibration is complete.

### **Replacing the batteries:**

The batteries must be replaced if the calibration cannot be completed or display fades. Pull out the battery compartment and then replace the 3 1.5 volt batteries.

Pay attention to the correct polarity. After replacing, slide the battery compartment back.

Suggested use:

Before using the instrument, make sure that the environmental conditions are suitable for use.

The sensing glass ball at the end of the electrode is sensitive to electrostatic discharges.

Do not touch the glass globe under any circumstances.

Any changes made by the user to the equipment are harmful

may affect the electromagnetic performance of the instrument.

To avoid the risk of electric shock, do not use the instrument on a surface where the voltage exceeds 24 VAC or 60 VDC.

Deviation

Calibrator M10030 (optional)  
Solution  
Temperature Automatic  
Compensation between 5 - 50 °C

Operating environment 0 - 50°C, 95% RH Batteries 4 x 1.5V Battery life approx. 350 hours Dimensions 150x30x24 mm  
Weight 85g



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### **Technical data:**

Measuring range 19900  $\mu\text{S/cm}$  Resolution 100  $\mu\text{S/cm}$  Accuracy (at 20°C)  $\pm 2\%$

EMC  $\pm 4\%$