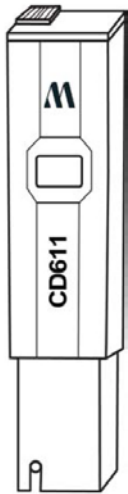


Instruction manual

▪ CD611

Conductivity Tester



www.milwaukeEinst.com

OPERATION

- Remove the protective cap
- Turn the meter on with the ON/OFF switch located on the top
- Immerse into solution up to the maximum immersion level
- Stir gently and wait until the display stabilizes. The meter compensates for the temperature variance automatically
- Read the value on the display. This value has to be multiplied by a factor of 10 for **CD600 & 601**, and by a factor of 100 for **CD610 & 611** as shown in the upper left hand corner of the LCD to give direct readings in ppm (mg/L) or $\mu\text{S/cm}$ ($\mu\text{mho/cm}$)

CALIBRATION:

The calibration procedure is very simple and fast.

- Immerse the tester up to the maximum level into the appropriate optional Calibration Solution (see Specifications)
- Allow the reading to stabilize and using a small screwdriver turn the Calibration Trimmer to match the solution value



(normally to the value at 25°C. E.g. calibrating a **CD611** using **M10030** as calibration solution, turn the trimmer to read „128“ (multiplied by 100 = 12880 $\mu\text{S/cm}$).



Calibration is now complete.

BATTERY REPLACEMENT:

When the meters cannot be switched on or the display fades, pull out the battery compartment and replace all four 1.5V batteries, paying attention to their polarity. Batteries should only be replaced in a non-hazardous area using the battery types specified in this instruction manual.



RECOMMENDATIONS FOR USERS:

Before using these products, make sure that they are entirely suitable for the environment in which they are used. Operation of these instruments in residential areas could cause interferences to radio and TV equipment. The pins at the end of the sensor are sensitive to electrostatic discharges. Avoid touching this metal band at all times. During operation of instruments, ESD wrist straps should

be worn to avoid possible damage to the sensor by electrostatic discharge. Any variation introduced by the user to the supplied equipment may degrade the instrument's EMC performance. To avoid electrical shock, do not use this instrument when voltage at the measurement surface exceeds 24 VAC or 60VCD. To avoid damages or burns, do not perform any measurement in microwave ovens.

SPECIFICATION:

Range	19900 $\mu\text{S/cm}$
Resolution	100 $\mu\text{S/cm}$
Accuracy (@20°C)	$\pm 2\%$ full scale
Typical EMC Deviation	$\pm 4\%$ full scale
Calibration Solution	M10030 (optional)
Temperature Compensation	Automatic from 5 to 50 °C
Environment	0 to 50°C, 95% RH
Battery type	4 x 1.5V alkaline
Battery life	350 hours approx.
Dimensions	150x30x24 mm
Weight	85g



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