

SPECIFICATIONS

RANGE / RESOLUTION	
CD600	1990 ppm / 10 ppm
CD610	10000 ppm / 100 ppm
CD601	1990 µS/cm / 10 µS/cm
CD611	19900 µS/cm / 100 µS/cm
ACCURACY @ 25 °C (77 °F)	±2% Full Scale
CALIBRATION SOLUTION (Optional)	
CD600	M10032B
CD610	M10038B
CD601	M10031B
CD611	M10030B
TEMPERATURE COMPENSATION	Automatic from 5 to 50 °C (41 to 122 °F)
ENVIRONMENT	5 to 50 °C (41 to 122 °F) 95 % RH max.
BATTERY TYPE	4 x 1.5V alkaline
BATTERY LIFE	approximately 300 hours of use
DIMENSIONS	150 x 30 x 24 mm
WEIGHT	85 g

ACCESSORIES

MA9300	1.5V battery (10 pcs.)
MA9701	Calibration screwdriver (20 pcs.)
M10030B	12880 µS/cm calibration solution, 20 mL sachet (25 pcs.)
M10031B	1413 µS/cm calibration solution, 20 mL sachet (25 pcs.)
M10032B	1382 ppm calibration solution, 20 mL sachet (25 pcs.)
M10038B	6.44 ppt calibration solution, 20 mL sachet (25 pcs.)

Note: Calibration solutions also available in 220 mL bottles.

CERTIFICATION

Milwaukee Instruments conform to the CE European Directives.



Disposal of Electrical & Electronic Equipment

Do not treat this product as household waste. Hand it over to the appropriate collection point for the recycling of electrical and electronic equipment.

Disposal of waste batteries

This product contains batteries. Do not dispose of them with other household waste. Hand them over to the appropriate collection point for recycling.

Please note: proper product and battery disposal prevents potential negative consequences for human health and the environment. For detailed information, contact your local household waste disposal service or go to www.milwaukeeinstruments.com (USA & CAN) or www.milwaukeeinst.com.

WARRANTY

These instruments are warranted against defects in materials and manufacturing for a period of 2 years from the date of purchase. This warranty is limited to repair or free of charge replacement if the instrument cannot be repaired.

Damage due to accidents, misuse, tampering or lack of prescribed maintenance is not covered by warranty. If service is required, contact your local Milwaukee Instruments Technical Service. If the repair is not covered by the warranty, you will be notified of the charges incurred. When shipping any instrument, make sure it is properly packaged for complete protection.

Milwaukee Instruments reserves the right to make improvements in design, construction and appearance of its products without advance notice.

ISTCD600 04/25

USER MANUAL

CD600 • CD610 CD601 • CD611

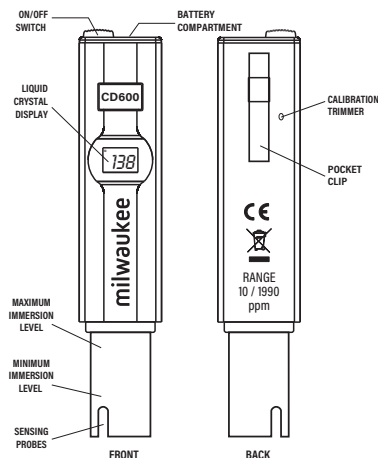
Digital
Conductivity & TDS Pens



milwaukeeinstruments.com
(USA & CAN)

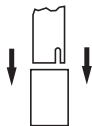
milwaukeeinst.com





OPERATION

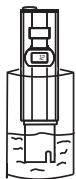
- Remove the protective cap.



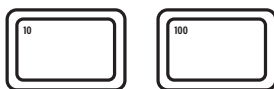
- Press the ON/OFF switch to turn the digital pen on.



- Immerse the pen in solution up to the maximum immersion level.

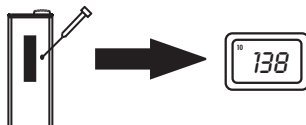


- Stir gently and wait for the measurement to stabilize.
Displayed measurement is temperature compensated.
- Read the value on the display.
To have direct readings in ppm (mg/L) or $\mu\text{S/cm}$ ($\mu\text{Mho/cm}$):
CD600 & CD601 › multiply this value by a factor of 10
CD610 & CD611 › multiply this value by a factor of 100



CALIBRATION

- Immerse the tester, up to the maximum immersion level, in calibration solution.
- See Specifications section for calibration solution details.
- Allow the reading to stabilize.
- Use a small screwdriver to turn the calibration trimmer so that the reading on display matches the solution value (typically at 25 °C / 77 °F).
E.g. if calibrating **CD600** using **M10032B** solution, turn the trimmer to read "138" ($\times 10 = 1380$ ppm).

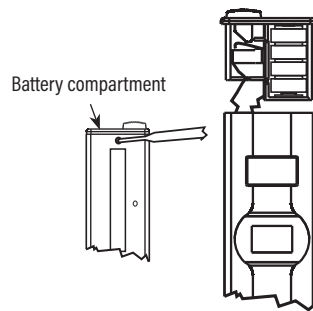


- Calibration is now complete.

BATTERY REPLACEMENT

- Push the pin to release the battery compartment.
- Pull out the battery compartment.
- Remove the old batteries.
- Insert four new 1.5V batteries in the battery compartment while paying attention to the correct polarity.

Note: Do not mix old and new batteries.



Batteries should only be replaced in a non-hazardous area using the battery type specified in this instruction manual.

RECOMMENDATION

Before using this product, make sure that it is entirely suitable for the environment in which is used.

The pins at the end of the sensor are sensitive to electrostatic discharges. Avoid touching this metal band at all times.

To avoid damages or burns, do not perform any measurement in microwave ovens.