



CD 600 series

CD 600 series

Conductivity &
TDS Meters
with ATC

SPECIFICATIONS :

RANGE / RESOLUTION

CD600	1990 ppm /10 ppm
CD610	10000 ppm /100 ppm
CD601	1990 μ S/cm /10 μ S/cm
CD611	19900 μ S/cm /100 μ S/cm

ACCURACY \pm 2% Full Scale
(@20°C)

TYPICAL EMC DEVIATION

CD600	\pm 2% Full Scale
CD610	\pm 2% Full Scale
CD601	\pm 1% Full Scale
CD611	\pm 4% Full Scale

CALIBRATION SOLUTIONS

CD600	M10032 (optional)
CD610	M10038 (optional)
CD601	M10031 (optional)
CD611	M10030 (optional)

TEMPERATURE COMPENSATION Automatic from
5 to 50°C

ENVIRONMENT 0 to 50°C
95% RH

BATTERY TYPE 4 x 1.5V alkaline
LIFE 350 hours approx.

DIMENSIONS 150x30x24 mm

WEIGHT 85 g

ACCESSORIES

MA9300	1.5V battery (10 pcs.)
MA9701	Calibration Screwdrivers (20 pcs)
M10030B	Calibration 20mL sachet 12,880 μ S/cm solution (25pcs.)
M10031B	Calibration 20ML sachet 1413 μ S/cm solution (25 pcs.)
M10032B	Calibration 20mL sachet 1332 ppm solution (25 pcs.)
M10038B	Calibration 20mL sachet 6.44 plat solution (25 pcs.)

Calibration solutions are also available in 220 mL bottles



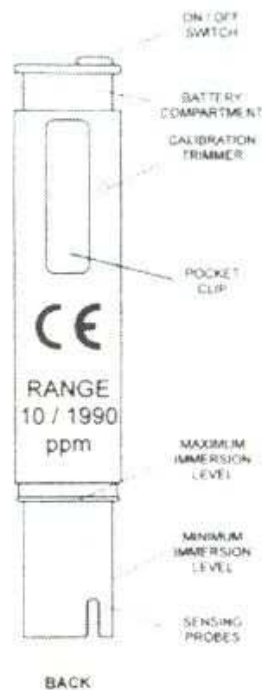
Authorised Dealer



Milwaukee

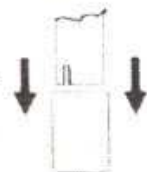
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OPERATION:

- 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.



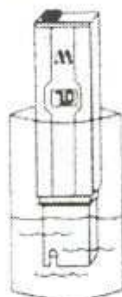
- Stir gently and wait until the display stabilizes. The meter compensates for the temperature variance automatically.
- Read the value on the display. This value has to be multiplied by a factor of 10 for **CD600 & 601**, and by a factor of 100 for **CD610 & 611** as shown in the upper left hand corner of the LCD to give direct readings in ppm (mg/L) or $\mu\text{S/cm}$ ($\mu\text{mho/cm}$).



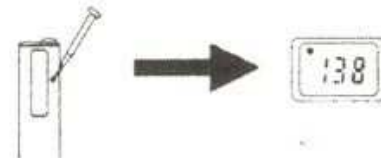
CALIBRATION:

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 **CD600** using **M10032** as calibration solution, turn the trimmer to read "138" (multiplied by 10 = 1380 ppm).



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 T.V. 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 instruments when voltage at the measurement surface exceed 24 VAC or 60 VCD. To avoid damages or burns, do not perform any measurement in microwave ovens.