#### **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	(@20°C) ±2% Full Scale	
TYPICAL EMC DEVIATION		
CD600	± 2 % Full Scale	
CD610	± 2 % Full Scale	
CD601	±1% Full Scale	
CD611	± 4 % Full Scale	

CALIBRATION SOL	LUTION
CD600 M10	032B (optional)
CD610 M10	038B (optional)
CD601 M10	031B (optional)
CD611 M10	030B (optional)
TEMPERATURE	Automatic from
COMPENSATION	5 to 50°C
ENVIRONMENT	5 to 50°C
ENVIRUNIVIENT	95 % RH max.
BATTERY TYPE	4 x 1.5V alkaline
BATTERY LIFE	approximately
DAITENT LIFE	300 hours of use
DIMENSIONS	150 x 30 x 24 mm
WEIGHT	85 g

# **OPTIONAL ACCESSORIES**

MA9300	1.5V battery (10 pcs.)
MA9701	Calibration Screwdrivers (20 pcs)
M10030B	Calibration 20 mL sachet 12880 µS/cm solution (25 pcs.)
M10031B	Calibration 20 mL sachet 1413 µS/cm solution (25 pcs.)
M10032B	Calibration 20 mL sachet 1382 ppm solution (25 pcs.)
M10038B	Calibration 20 mL sachet 6.44 ppt solution (25 pcs.)
Calibration	solutions are also available

in 220 mL bottles.

#### **CFRTIFICATION**

Milwaukee Instruments conform to the CE European Directives.

CE

Disposal of Electrical & RoHS
Electronic Equipment. Do compliant
not treat this product as household
waste. Hand it over to the appropriate
collection point for the recycling of

waste. Hand it over to the appropriate collection point for the recycling of electrical and electronic equipment.

Disposal of waste

**Disposal of waste batteries.** This product
contains batteries. Do not
dispose of them with other

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. Probe is warranted for 6 months. 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.

SATISFACTION GUARANTEED

# **USER MANUAL**

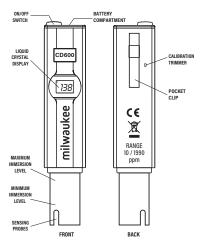
# CD600, CD610, CD601, CD611

Digital Conductivity & TDS Pens



milwaukeeinstruments.com (USA & CAN) milwaukeeinst.com





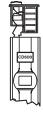
### Stir gently and wait until the display stabilizes. The digital pen compensates for the temperature variance automatically.

Read the value on the display. This
value has to be multiplied by a factor
of 10 for CD600 & CD601, and by a
factor of 100 for CD610 & CD611 as
shown in the upper left hand corner
of the LCD to give direct readings in
ppm (mg/L) or µS/cm (µmho/cm).



# BATTERY REPLACEMENT

When the digital pen 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.



#### **OPFRATION**

· Remove the protective cap.



 Turn the digital pen on with the ON/ OFF switch located on the top.



 Immerse into solution up to the maximum immersion level.



#### **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 M10032B as calibration solution, turn the trimmer to read "138" (multiplied by 10 = 1380 ppm).



· Calibration is now complete.

# **RECOMMENDATION**

Before using this product, make sure that it is entirely suitable for the environment in which they are used. Operation of these instruments in residential areas could cause unacceptable 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 EMC performance. To avoid electrical shock, do not use the instrument when voltage at the measurement surface exceed 24VAC or 60VDC. To avoid damages or burns, do not perform any measurement in microwave ovens.