## SPECIFICATIONS

| | |
|---|---|
| **RANGE** | 0 to 999 ppm |
| **RESOLUTION** | 1 ppm |
| **ACCURACY** (@20°C) | ±10 ppm |
| **TYPICAL EMC DEVIATION** | ± 1 % Full Scale |
| **TEMPERATURE COMPENSATION** | Automatic from 5 to 50ºC |
| **ENVIRONMENT** | 5 to 50°C 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 |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| **MA9300** | 1.5V battery (10 pcs.) |
| **MA9701** | Calibration Screwdrivers (20 pcs) |
| **M10080B** | Calibration 20 mL sachet 800 ppm solution (25 pcs.) |

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

## CERTIFICATION

Milwaukee Instruments conform to the CE European Directives.

RoHS compliant

**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

This instrument is 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.

ISTCD97 11/20

SATISFACTION GUARANTEED

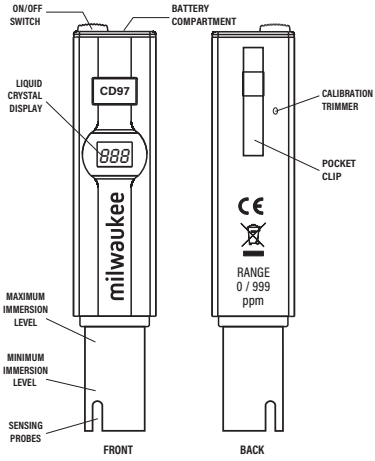
# USER MANUAL

# CD97

## Digital Low Range TDS Pen

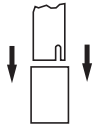

**Distributor in Australia**
**Pacific Sensor Technologies Pty Ltd**
Unit 4, 3 Neutron Place Rowville, VIC 3178 Australia
1300 662 720 | sales@pacificsensortech.com.au
www.pacificsensortech.com.au

milwaukee



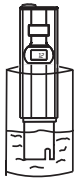

## OPERATION

- Remove the protective cap.



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

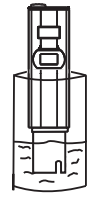

- Immerse into solution up to the maximum immersion level.



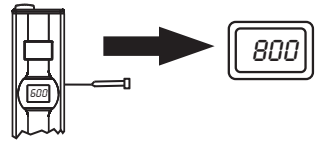
- Stir gently and wait until the display stabilizes. **CD97** compensates for the temperature variance automatically.
- Read the value on the display.

## CALIBRATION

- The calibration procedure is very simple and fast.
- Immerse the pen up to the maximum level into the appropriate optional Calibration Solution **M10080B** correspondig to 800 ppm.



- Allow the reading to stabilize.
- By turning the calibration trimmer with a small screwdriver adjust the reading to match the solution value of 800 ppm (normally to the value at 25°C).




- Calibration is now complete.

## BATTERY REPLACEMENT

When the **CD97** 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.


## 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.