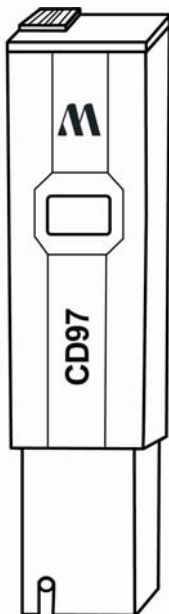


INSTRUCTION MANUAL

■ **CD97** TDS Tester



OPERATING

- Remove the protection cap.
- Turn the CD97 on with the ON/OFF switch located on the top.
- Immerse into solution up to the maximum immersion level without touching the bottom of the beaker.
- 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 tester up to the maximum level into the appropriate optional calibration solution M10080 corresponding to 800 ppm.
- Allow the displayed value to stabilize.



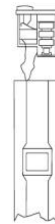
- Pull out the battery compartment and locate the calibration trimmer on the top of the internal circuitry.
- By turning the calibration trimmer with a small screwdriver, adjust the reading to match the solution value of 800 ppm (normally to the value at 25°C). Replace the battery compartment in the original position.



- 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 three 1.5V batteries, paying attention to their polarity. Batteries should be replaced in a non-hazardous area using the battery types specified in this instruction manual.



RECOMMENDATIONS FOR USERS:

Before using this product, make sure that it is entirely suitable for the environment in which it is used. Operation of this instrument in residential area could cause unacceptable interferences to radio and TV equipments, requiring the operator to take all necessary steps to correct interferences. The glass bulb at the end of the pH electrode is sensitive to electrostatic discharge. Avoid touching this glass bulb at all times. During operation of instrument, ESD wrist straps should be worn to avoid possible damage to the pH electrode 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 voltages at the measurement surface exceed 24 VAC or 60 VDC. To avoid damages or burns, do not perform any measurement in microwave ovens.

SPECIFICATIONS

Range	0 to 999 ppm
Resolution	1 ppm
Accuracy	±10 ppm
Temperature Compensation	automatic, from 5 to 50°
Environment	0 to 50°C
Battery Type	4x1.5V alkaline
Battery life	150 hours
Dimensions	150x30x24 mm
Weight	85 g

