

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.

RECOMMENDATION

Before using this product, make sure it is entirely suitable for your specific application and for the environment in which it is used. Any modification introduced by the user to the supplied equipment may compromise the tester's performance. For your and the tester's safety do not use or store the tester in hazardous environment. To avoid damage or burn, do not perform any measurement in microwave ovens.

WARRANTY

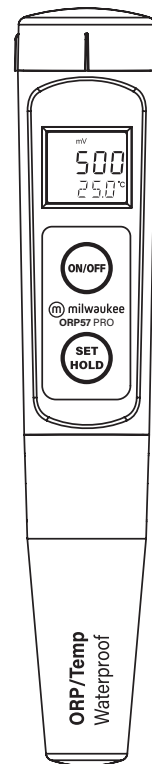
This instrument is warranted against defects in materials and manufacturing for a period of 2 years from the date of purchase. Probe is warranted for 6 months. This warranty is limited to repair or free of charge replacement if the instrument cannot be repaired. Damage due to accidents, misuse, tampering 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 tester, 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.

USER MANUAL

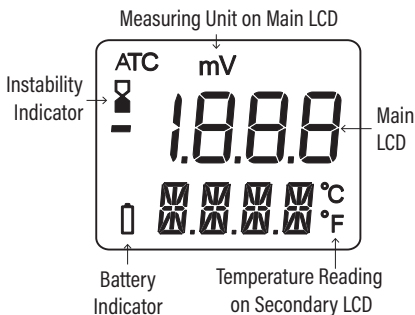
ORP57

PRO Waterproof 2-in-1 ORP / Temperature Tester



milwaukeeinstruments.com (USA & CAN)
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°C/°F SELECTION

- Press and hold the ON/OFF button until the secondary LCD shows “TEMP” and the current temperature unit (e.g. TEMP °C).
- Use SET/HOLD to select the unit (°C or °F); then press again ON/OFF to return to the normal mode.

ELECTRODE REPLACEMENT

- Remove the protective cap and unscrew the plastic ring on the top of the electrode.
- Pull out the **MI57P** electrode and replace it with a new one.
- Make sure the gaskets are in place before screwing back the ring.

BATTERY REPLACEMENT

When the batteries become weak, the battery symbol on the LCD will light up to advise that only a few hours of working time is remaining.

The tester is also provided with BEPS (Battery Error Prevention System), which avoids any erroneous readings due to low battery level by automatically switching the tester off.

It is recommended to replace the batteries immediately. To replace the batteries unscrew the battery compartment cap and replace all four 1.5V batteries while paying attention to their polarity. Make sure the gasket is in place before screwing back the cap.

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

ACCESSORIES

MI57P	Replaceable electrode for ORP57
MA9015	Electrode storage solution, 230 ml
MA9016	Electrode cleaning solution, 230 ml
M10000B	Electrode rinse solution, 20 ml sachet, 25 pcs.

SPECIFICATIONS

Range	±1000 mV (ORP) -5.0 to 60.0 °C / 23.0 to 140.0 °F
Resolution	1 mV 0.1 °C / 0.1 °F
Accuracy (@25 °C)	±2 mV ±0.5 °C / ±1 °F
Typical EMC Deviation	±2 mV ±0.3 °C / ±0.6 °F
Calibration	Factory calibrated
Probe	Replaceable MI57P
Environment	-5 to 50 °C; 100% RH max.
Battery Type	4 x 1.5V; IEC LR44, A76
Battery Life	approx. 300 hours of use
Auto-off	after 8 minutes of non-use
Dimensions	200 x dia 38 mm
Weight	100 g

OPERATIONAL GUIDE

- Remove the electrode and turn the tester on by pressing the ON/OFF button. All the used segments on the LCD will be visible for 1 second or as long as the button is pressed.
- Immerse the electrode in the solution to be tested. Stir gently and wait for stable reading, i.e. the instability indicator (hourglass) on the LCD turns off.
- The ORP (mV) value will be displayed on the main LCD, while the temperature is shown on the secondary LCD.
- **To freeze the display**, while in measurement mode, press and hold the SET/HOLD button. The “HOLD” message appears on the secondary display and the reading will be frozen on the LCD. Press any button to return to normal mode.
- **To turn the tester off**, press the ON/OFF button. The “OFF” message will appear on the secondary display. Release the button.

Note: The tester is factory calibrated. Contact the nearest Service Center for periodic recalibration.