

ACCESSORIES

MI 57P	Replaceable electrode for ORP 57
MA9015	Electrode storage solution, 230 ml
MA9016	Electrode cleaning solution, 230 ml
MA9020	ORP test solution (200/275 mV), 230 ml bottle
M10000B	Electrode rinse solution, 20 ml sachet, 25 pcs.

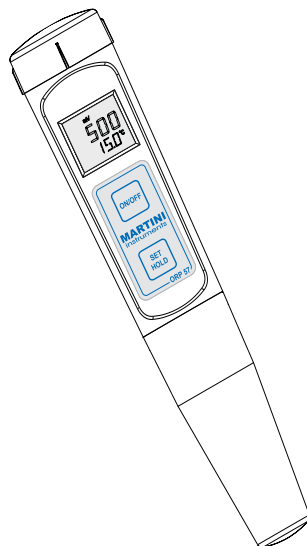
SPECIFICATIONS

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 $\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$
TYPICAL EMC DEVIATION	± 2 mV $\pm 0.3^\circ\text{C}$ / $\pm 0.6^\circ\text{F}$
CALIBRATION	Factory calibrated
PROBE	Replaceable MI 57P
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

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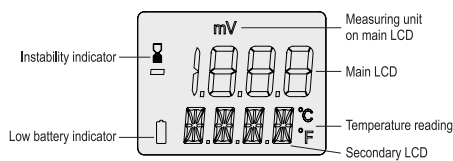
USER MANUAL

ORP 57 **Pocket-size** **ORP/°C/°F Meter**



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OPERATIONAL GUIDE

- Remove the electrode and turn the meter 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 meter off*, press the ON/OFF button. The "OFF" message will appear on the secondary display. Release the button.

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

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

WARRANTY

This instrument is warranted against defects in materials and manufacturing for a period of two years from the date of purchase. Probe is warranted for 6 months. If during this period the repair or replacement of parts is required, where the damage is not due to negligence or erroneous operation by the user, please return the parts to either distributor or our office and the repair will be done free of charge. Damages due to accidents, misuse, tampering or lack of prescribed maintenance are not covered. Milwaukee/Martini instruments reserves the right to make improvements in design, construction and appearance of its products without advance notice.