

# ORP57/pH58

## Pocket-size pH/ORP/Temperature Meters with replaceable electrode

Combination waterproof testers with advanced functions also include the new model **pH58** for simultaneous pH and ORP measurements and temperature, which is continuously displayed on the dual level LCD.

It shows readings in an extended range from -2.00 to 16.00 pH or  $\pm 1000$  mV and simultaneously shows temperature from -5.0 to 105.0°C or 23 to 221°F.

The **pH58** has a stability indicator and hold feature that freezes the display for easy and accurate recording.

The large display also has graphic symbols to guide you through all operations.

Calibration is performed automatically at 1 or 2 points using standard or NIST buffers.

The modular design allows easy electrode and battery replacement.



- Years warranty 2
- ATC
- IP67
- Points 2
- AUTO Buffer
- Dual Display
- Self diagnostics
- CE

### Specifications

	ORP57	pH58
Range	pH ORP Temp $\pm 1000$ mV -5.0 to 60.0°C / 23.0 to 140.0°F	-2.00 to 16.00 pH $\pm 1000$ mV -5.0 to 60.0°C / 23.0 to 140.0°F
Resolution	pH ORP Temp 1 mV 0.1°C / 0.1°F	0.01 pH 1 mV 0.1°C / 0.1°F
Accuracy (@25°C)	pH ORP Temp $\pm 2$ mV $\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$	$\pm 0.05$ pH $\pm 2$ mV $\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$
Typical EMC Deviation	pH ORP Temp $\pm 2$ mV $\pm 0.3^\circ\text{C}$ / $\pm 0.6^\circ\text{F}$	$\pm 0.02$ pH $\pm 2$ mV $\pm 0.3^\circ\text{C}$ / $\pm 0.6^\circ\text{F}$
pH Calibration		automatic for pH, 1 or 2 points, from -5 to 60°C with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)
ORP Calibration	factory calibrated	factory calibrated
Probe	Mi57P (replaceable)	Mi58P (replaceable)
Environment	0 to 50°C; max RH 100%	-5 to 50°C; max. RH 100%
Battery Type	4 x 1.5V; IEC LR44, A76	4 x 1.5V; IEC LR44, A76
Battery Life	approx. 300 hours of use	approx. 250 hours of use
Auto-off	after 8 minutes of non-use	after 8 minutes of non-use
Dimensions	200 x dia 38 mm	200 x dia 38 mm
Weight	100 g	100 g

### Replaceable combination pH/ORP electrode for pH58

Replace the electrode in a fast and simple way yourself! Just unscrew the plastic ring on the top of the electrode and replace the electrode with a new one.



### Calibrations, Maintenance & Cleaning Solutions

Choose from our wide selection of calibration, maintenance and cleaning solutions at page 53.



### Accessories

- Mi57P** Replaceable electrode for ORP57
- Mi58P** Replaceable electrode for pH58
- M10004B** pH 4.01 buffer solution 20 mL sachet (25 pcs)
- M10007B** pH 7.01 buffer solution 20 mL sachet (25 pcs)
- M10010B** pH 10.01 buffer solution 20 mL sachet (25 pcs)
- MA9004** pH 4.01 buffer solution, 230 mL bottle

- MA9006** pH 6.86 buffer solution, 230 mL bottle
- MA9007** pH 7.01 buffer solution, 230 mL bottle
- MA9009** pH 9.18 buffer solution, 230 mL bottle
- MA9010** pH 10.01 buffer solution, 230 mL bottle
- 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)



### Ordering Information

**ORP57** is supplied complete with protective cap, hard carrying case, batteries and instructions.

**pH58** is supplied complete with protective cap, 20 mL pH 4.01 and pH 7.01 sachets of calibration solution, hard carrying case, batteries and instructions.