

## ORP57/pH58

Pocket-size pH/ORP/Temperature Meters  
with replaceable electrodeYears  
warranty  
2

ATC

IP67

Points  
2AUTO  
BufferDual  
DisplaySelf  
diagnostics

CE



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.



## Specifications

|                          |                   | ORP57                                                                                                                        | pH58                                                                                                                         |
|--------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Range                    | pH<br>ORP<br>Temp | $\pm 1000$ mV<br>-5.0 to 60.0°C / 23.0 to 140.0°F                                                                            | -2.00 to 16.00 pH<br>$\pm 1000$ mV<br>-5.0 to 60.0°C / 23.0 to 140.0°F                                                       |
| Resolution               | pH<br>ORP<br>Temp | 0.01 pH<br>1 mV<br>0.1°C / 0.1°F                                                                                             | 0.01 pH<br>1 mV<br>0.1°C / 0.1°F                                                                                             |
| Accuracy<br>(@25°C)      | pH<br>ORP<br>Temp | $\pm 0.05$ pH<br>$\pm 2$ mV<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$                                               | $\pm 0.05$ pH<br>$\pm 2$ mV<br>$\pm 0.5^\circ\text{C}$ / $\pm 1^\circ\text{F}$                                               |
| Typical EMC<br>Deviation | pH<br>ORP<br>Temp | $\pm 0.02$ pH<br>$\pm 2$ mV<br>$\pm 0.3^\circ\text{C}$ / $\pm 0.6^\circ\text{F}$                                             | $\pm 0.02$ pH<br>$\pm 2$ mV<br>$\pm 0.3^\circ\text{C}$ / $\pm 0.6^\circ\text{F}$                                             |
| 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) | 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 43.



## 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.