

Specifications subject to change without notice

Measurement specifications

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| Sensor | Glass-free ISFET (Ion Sensitive Field Effect Transistor) semiconductor |
| Measuring range | pH 0.00 to 14.00 |
| Accuracy | ±0.02 pH |
| Resolution | 0.01 pH |
| Calibration | 1-, 2-, 3- and 5-point calibration |
| Automated temperature compensated calibration (ATC) | Yes |
| Buffer types | DIN, NIST, JIS, custom buffer sets |
| Electrolyte solution | Gelled KCl |
| Diaphragm | Porous PTFE |
| Temperature accuracy | ±1% |
| Temperature resolution | 0.1 °C (0.1 °F) |
| Sample temperature range | 0 °C to 80 °C (32 °F to 176 °F) |

Device specifications

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|--------------------------|---|
| Sample volume | 0.5 mL |
| Dimensions (L x W x H) | 108 x 64 x 35 mm (4.3 in x 2.5 in 1.4 in) |
| Weight (incl. batteries) | 125 g (0.28 lbs) |
| Power supply | 2x AAA 1.5V batteries (included) |
| Enclosure rating | IP67 according to IEC 60529 |

Operating conditions

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|-------------------------|---|
| Ambient temperature | 10 °C to 40 °C (50 °F to 104 °F) |
| Air humidity | 5% to 95% relative air humidity, non-condensing |
| Battery lifetime | Approx. 10,000 measurements |
| Storage temperature | 10 °C to 40 °C (50 °F to 104 °F) |
| Interface | Bluetooth™ Low Energy |
| Mobile Operating System | iOS & Android |

Sample area

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|-------------|-------------|
| Sample well | PSU |
| Diaphragm | Porous PTFE |
| Sensor | ISFET |
| O-ring | FKM |
| Housing | PBT/PC |