

*Specifications subject to change without notice*

## Measurement specifications

Sensor	Glass-free ISFET (Ion Sensitive Field Effect Transistor) semiconductor
Measuring range	pH 0 to 14
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

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 IEC 60529

## Operating conditions

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

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