

Specifications*

Measuring range	5.5 - 8.5 pH
Response time (t_{90}) at 25 °C	30 sec.
Resolution at pH = 7	± 0.01 pH
Accuracy at pH = 7	± 0.05 pH with sensor calibration
Drift at pH = 7	< 0.05 pH per day (sampling interval of 1 min.)
Temperature range	from 5 °C to 50 °C

Properties*

Compatibility	aqueous solutions, ethanol, methanol (max. 10 % V/V), pH 2 - 10
Cross-sensitivity	reduced to ionic strength (salinity); a high concentration of small fluorescent molecules in the visible range can interfere
Storage stability	24 months provided the sensor is stored in the dark
Calibration	pH sensors are pre-calibrated; re-calibration is possible

*provided pH sensors are used without further handling in physiological solutions