

FlaTrode

Specification Sheet (Part/REF # 238401)



A completely flat tip design allows the FlaTrode to measure on paper or agar plates where the sensor cannot be immersed.

Product Specifications

a-length	120 mm
Electrical Connector	S7
Measurement Principle	Combination electrode; pH potential measured against reference
Measuring Range	pH 0 to 14
Sensitivity	57 to 59 mV / pH at 25 °C
Zero Point	0 ± 20 mV
pH Glass	Hamilton Type HF Glass
pH Glass Resistance	Moderate
Membrane Shape	Flat
Diaphragm	Single Pore ring
Number of Diaphragms	1
Electrolyte	Polisolve
Reference System	Hamilton Everef
Temperature Sensor	No
Minimum Immersion depth	1 mm
Diameter	12 mm

Wetted Parts	Glass SAN (Polystyrene-Acrylonitrile)
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl
Certificate	Yes, with measured values in Buffer pH 4.01 and pH 7.00
Operating Temperature Range	0 to 60 °C
Pressure Range bar g	Atmospheric pressure

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/238401>