



FermoTrode 250

Specification Sheet (Part/REF # 238486)



The FermoTrode is a maintenance-free pH sensor designed for pharmaceutical and biotechnology industries, featuring a clog-free design and stable performance after steam sterilization.

Product Specifications

Wetted Parts	Glass Ceramic
pH Glass	Hamilton Type PHI Glass
Electrical Connector	S7
Measuring Range	pH 0 to 14
Electrolyte	Skylyte
Sensitivity	57 to 59 mV / pH at 25 °C
Zero Point	0 ± 20 mV
pH Glass Resistance	Moderate

Membrane Shape	Spherical
Diaphragm	Coatramic
Number of Diaphragms	3
Reference System	Hamilton Everef-F, Silver ion barrier included
Liquid Earth	No
Temperature Sensor	No
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl
Certificate	No
ATEX Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Diameter	30 mm
Autoclavable	No
Steam Sterilizable	Yes
CIP	No
Operating Temperature Range	0 to 130 °C
Sample min Conductivity	50 µS/cm
Pressure Range bar g	0 to 4 bar
Shaft Diameter Below	12 mm
a-length	250 mm

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/sensors/ph-sensors/fermotrode?part-number=238486>



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