

# Polilyte Lab Temp LEMO

Specification Sheet (Part/REF # 242062)



Maintenance free design makes this the best choice for applications with high clogging potential such as suspensions and emulsions.

## Product Specifications

<b>a-length</b>	120 mm
<b>Electrical Connector</b>	1 m Fix Cable / Lemo & 2x2 mm banana
<b>Measurement Principle</b>	Combination electrode; pH potential measured against reference
<b>Measuring Range</b>	pH 0 to 14
<b>Sensitivity</b>	57 to 59 mV / pH at 25 °C
<b>Zero Point</b>	0 ± 20 mV
<b>pH Glass</b>	Hamilton Type HF Glass
<b>pH Glass Resistance</b>	Moderate
<b>Membrane Shape</b>	Spherical
<b>Diaphragm</b>	Single Pore
<b>Number of Diaphragms</b>	1
<b>Electrolyte</b>	Polisolve
<b>Reference System</b>	Hamilton Everef-B
<b>Temperature Sensor</b>	Pt1000
<b>Minimum Immersion depth</b>	15 mm
<b>Diameter</b>	12 mm
<b>Wetted Parts</b>	Glass
<b>Serial Number</b>	Yes
<b>Recommended Storage</b>	Hamilton Storage Solution or 3 M KCl
<b>Certificate</b>	Yes, with measured values in Buffer pH 4.01 and pH 7.00
<b>Operating Temperature Range</b>	-10 to 80 °C
<b>Pressure Range bar g</b>	Atmospheric pressure

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/process-analytics/sensors/242062>

Spec. Version B