

## Datasheet

### LIQ-GLASS TEMP LEMO (p/n 242054)

#### Application Fields:

Robust, refillable pH electrode with integrated temperature sensor.

Universally applicable, in strong acids as well as in strong bases.

Ideally suited for acid/base titrations and daily laboratory use.

#### Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured values in buffer pH 4.01 and pH 7.00
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 to 14
Zero-Point:	0 +/- 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	-10 to 100°C
Electrolyte:	3M KCl, silver free (p/n 238036 or 238936)
Reference System:	HAMILTON EVEREF
Shaft Material:	Glass
Shaft Diameter:	12 mm
Shaft Diameter below:	--
Shaft Length (a):	120 mm
Membrane glass:	HAMILTON type V glass
Membrane shape:	Cylindrical
Diaphragm:	Ceramic
Number of diaphragms:	1
Minimum immersion depth:	15 mm
Electrical Connector:	1 meter fixed cable with Lemo plug and two, 2 mm banana plugs (Adapters for 4 mm banana plug included)



Temperature Sensor:	Pt 1000
Recommended Storage:	HAMILTON Storage Solution (P/N 238931) or 3M KCl (P/N 238036 or 238936)