

## Datasheet

### SINGLE PORE GLASS (p/n 238160)

#### Application Fields:

Highest accuracy and fast response time thanks to patented SINGLE PORE electrolyte contact technology.

Wide applicability for example with emulsions, ion-weak media, general laboratory applications.

Minimal alkali error.

Reported by PTB to be the most accurate laboratory electrode tested.

#### 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:	0 to 100°C
Electrolyte:	HAMILTON SKYLYTE-CL, silver free (p/n 242080)
Reference System:	HAMILTON EVEREF
Shaft Material:	Glass
Shaft Diameter:	12 mm
Shaft Diameter below:	--
Shaft Length (a):	120 mm
Membrane glass:	HAMILTON type H glass
Membrane shape:	Cylindrical
Diaphragm:	SINGLE PORE
Number of diaphragms:	1
Minimum immersion depth:	15 mm
Electrical Connector:	Type S7 - standard pH connector head, suitable for most brand name quality S7 or AS7 pH cables
Temperature Sensor:	No
Recommended Storage:	HAMILTON Storage Solution (P/N 238931) or 3M KCl (P/N 238036 or 238936)

