

Datasheet

BIOTRODE (p/n 238140)

Application Fields:

Refillable pH electrode for measurements in very small volumes, e.g. microtiter plates.

Ideally suited for samples containing proteins, as the reference electrolyte PROTELYTE prevents clogging of the diaphragm.

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:	PROTELYTE, silver free (p/n 238038)
Reference System:	HAMILTON EVEREF
Shaft Material:	Glass
Shaft Diameter:	12 mm
Shaft Diameter below:	3 mm
Shaft Length (a):	60 mm
Membrane glass:	HAMILTON type HF glass
Membrane shape:	Cylindrical
Diaphragm:	Ceramic
Number of diaphragms:	1
Minimum immersion depth:	7 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)

