

## Datasheet

### FLATRODE (p/n 238401)

#### Application Fields:

Refillable pH electrode with super-flat membrane for measurements on surfaces, e.g. paper, agar plates, skin.

Ring diaphragm guarantees enhanced contact between sample and reference.

Prolonged lifetime when Hydrofluoric acid is present.

#### 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 60°C
Electrolyte:	HAMILTON SKYLYTE-CL, silver free (p/n 242080)
Reference System:	HAMILTON EVEREF
Shaft Material:	Plastic
Shaft Diameter:	12 mm
Shaft Diameter below:	--
Shaft Length (a):	120 mm
Membrane glass:	HAMILTON type HF glass
Membrane shape:	Flat
Diaphragm:	Ring
Number of diaphragms:	1
Minimum immersion depth:	1 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)

