

## Data Sheet IONOTRODE

The IONOTRODE sensor is designed for applications in ion weak media. The large "F" membrane glass has a very low resistance, therefore the sensor can be used in samples with low conductivity, where it offers highest accuracy over a long period of time. If there is a storage container with 3M KCl attached via a tube to the side-arm of the IONOTRODE, the flow-out of electrolyte can be controlled with the sleeve diaphragm.

### Application Fields:

Applications in ion weak media and low conductivity

### Specifications:

Serial Number:	Yes
Certificate:	No
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 ... 14
Zero-Point:	0 ± 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	-10 ... 40°C
Pressure Range:	0 ... 0.5 bar, or higher if pressurized by side-arm
Electrolyte:	3M KCl
Reference System:	EVEREF
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type F glass
Sample: min Conductivity:	0.2 µS/cm
Diaphragm:	Sleeve diaphragm
Number of diaphragm:	1
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Electrical Connector:	Type S7 – standard pH connector head, suitable for most brand name quality pH cables
Temperature Sensor:	No
ATEX approval:	No
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



### Ordering Information:

Part Number	Description	a-length (a)
238525	Ionotrode 120	120 mm

### Dimensional drawing:

