IonoTrode

The IonoTrode sensor is designed for applications in ion weak media. The F glass membrane 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 3 M KCl attached via a tube to the side-arm of the IonoTrode, the flow-out of the electrolyte can be controlled with the sleeve diaphragm.

Did you know…

„that the IonoTrode is designed for ion weak media with a low conductivity of only 0.2 µS/cm?"

Benefits

- Offers highest accuracy over a long period of time
- Stable measurements in samples with low conductivity of at least 0.2 µS/cm
- Removable PTFE sleeve diaphragm to check electrolyte outflow
- Side-arm attachment via tube to storage vessel containing 3 M KCl, and control of electrolyte flow with PTFE diaphragm ring

Typical applications

- Drinking Water Plants
- Boiler Feed Water

Specifications

Measuring range	0 to 14 pH
Process temperature	-10 to 40 °C
Pressure range (relative to ambient)	0 to 0.5 bar or higher if pressurization by side-arm
pH glass	F
Electrolyte	3 M KCl
Reference system	Everef
Diaphragm	Sleeve
O-ring	EPDM

For more specifications see www.hamiltoncompany.com

Ordering Information

	a-length	S7
IonoTrode	120	238525

Accessories

pH buffers see page 106
Cables see page 112
Housings see page 127