

H2O2 911

Probe for Hydrogen Peroxide



Measuring cell for hydrogen peroxide with replaceable membrane caps.

Measuring method	Amperometric
Measuring range	0.05~10 000 mg/l
Resolution	10 mg/l
Response time	5~10 min
Operating pressure	max. 1 bar (constant; pressureless recommended)
Sample temperature	2~45 °C
Plug	Open cable
Material	PVC, stainless steel 1.4571
Dimensions	220 mm x 25 mm
pH operating range	2~11

Product code 718 110

○ Sturdy membrane

○ Minimum maintenance

○ Temperature compensation

○ No reagents required

Method

The probe head of the H2O2 911 contains two membrane-covered electrodes. When hydrogen peroxide reaches the electrodes, an electrochemical reaction occurs. This reaction produces a current proportional to the concentration of hydrogen peroxide in the sample.

A sufficient flow rate (minimum 15 cm/s) is required for the measurement. We recommend to use a flow cell (available accessory).

Interferences: The sample water must be free of surfactants. The sample must not contain chlorine, peracetic acid, ozone or phenol.

Applications

Process water
(electroplating, food industry, beverage industry, pharmaceutical industry, chemical industry, dairy plants)
Disinfection systems

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