

COMBINATION pH ELECTRODE EPP-1t

The **EPP-1t** combination glass electrode is designed for pH measurements in clear liquids.

The electrode is distinguished by low impedance, short stabilisation period and linearity at the ends of measuring range.

EPP-1t has a built in PT-1000 temperature sensor.

Plastic body protects from breakage.

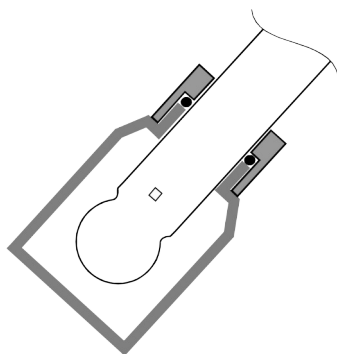
The gel electrolyte is not replaceable but makes using the electrode easier.

The electrode has glass, round membrane.

Next to the membrane a ceramic junction which enables the contact of the measured liquid with the electrolyte was placed.

The BNC connector enables using the electrode with most of the pH meters. For temperature the RCA connector is used.

The EPP-1 does not require activation because it is equipped with a bottle filled with 3 M KCl put on its end and taken off before the measurement. Such solution makes the electrode permanently activated and prolongs its life time. A special sealing ring protects from the electrolyte leakage from the bottle. The ring is tightened by screwing the bottle cap.



TECHNICAL DATA

Range	0 ÷ 14 pH
Working temperature range	0 ÷ 50 °C
Zero point	7.0 ± 0.3 pH
Built in temperature sensor	PT-1000
Diaphragm type / membrane	ceramic / glass / spherical
Electrolyte	Gel – 3.3 M KCl
Reference system	Ag/AgCl
Impedance	< 120 MΩ (25 °C)
Diameter	12.0 mm ± 0.5 mm
Length	140 mm
Minimal immersion level	30 mm
Maximal immersion level	105 mm
Body material	polycarbonate
Cable length	about 1 m
Connector	BNC-50 / RCA - temperature

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