

COMBINATION pH ELECTRODE ERH-12-6

Combination pH electrode type **ERH-12-6** is designed for pH measurements in water solutions, especially in low volume samples.

The electrode may also be used as universal pH sensor in laboratory conditions.

The **ERH-12-6** has a glass body and is equipped with a ceramic junction.

The conical shape of the membrane and easy access to the junction makes cleaning the electrode very easy.

The small diameter of the end of electrode and its shape enables making measurements in samples of a small volume in test tubes or other small vessels. Using a special test-tube, delivered in the set with the electrode, in a shape and diameter very close to the electrode's size, enables pH measurements in samples from 0.4 cm³.

In the electrode body there is a hole to refill or exchange the reference electrolyte.

TECHNICAL DATA

Measuring Range	0 ÷ 14 pH
Temperature range	0 ÷ 60 °C, for short period usage 0 ÷ 80 °C
Resistivity of the membrane (in 20°C)	200 ÷ 500 MΩ
Zero point (pH _{E=0})	7.0 ± 0.5 pH
Reference electrode	Ag/AgCl
Reference solution	3.0 M KCl + AgCl
Body diameter	6.0 / 12.0 ±0.5 mm
Body length (without cable socket)	120 ±5 mm
Minimal depth of immersing	20 mm
Maximal depth of immersing	90 mm
Body material	glass
Membrane shape	Glass, cone
Diaphragm material	ceramic
Cable length	about 1 m
Connector	BNC-50



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