

## COMBINATION pH ELECTRODE IJ-44.

Electrode IJ-44 is versatile, reliable, accurate and long-lasting, it is characterised by fast result stabilisation. Enables measurements in various samples of both pure and contaminated liquids and semi-solids. This electrode enables measurements in very wide range of samples.

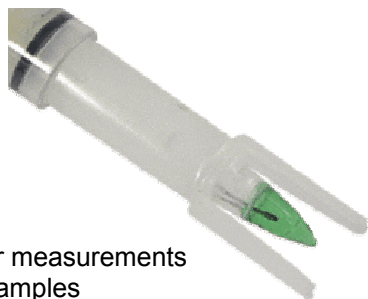
**WATER, WASTEWATER, CONTAMINATED SAMPLES, COSMETICS, DETERGENTS, ORGANIC MATERIALS, PROTEINS, LUBRICANTS, OILS, WINE, MEAT, CHEESE.....**

**ALL THIS MAY BE MEASURED WITH ONE ELECTRODE!**

Unusual construction ("intermediate junction") protects the real junction (diaphragm) of the electrode against clogging, ensures stable measurements in these types of liquids or semi-liquid mass, in which other electrodes quickly stop working.

Elements of glass electrodes are protected by a plastic body.

Plastic sleeve which protects the junction is an integral part of the electrode. It is impossible to use the electrode without the sleeve. The sleeve may be exchanged and it's kind depends on the type of the measured sample.



Sleeve for measurements  
in liquid samples



Sleeve for measurements  
in semi solid samples

Machine processing of the glass ensures high precision of matching elements in glass and plastic electrode, which is a must for a proper operation.

When properly handled, the electrode's lifetime is longer than the standard electrodes.

The average lifetime 2 to 4 years.

### TECHNICAL DATA

pH range	0 ÷ 14 pH
Zero point	7,0 ± 0,5 pH
Temperature range	0 ÷ 60 °C
Electrode type	Double junction Ag/AgCl / saturated KCl
Housing and sleeve	Polipropylene
Length	150 mm
Diameter	12 mm
Cable length	1 m.
Connector	BNC



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