

CONDUCTIVITY CELL TYPE: EC-60B

The EC-60B conductivity cell is used in immersible heads designed for continuous measurements. The cell is equipped with M16 thread which enables screwing it in the head. It has 2 platinum electrodes covered with platinum black placed inside a glass cell. It is designed for measurements of electric conductivity of water solutions.

The conductivity cell construction and used materials enable using the sensor in samples with wide conductivity range, even those which are chemically aggressive. The cell is designed for conductivity measurements in range 0 $\mu\text{S}/\text{cm}$ – 100 mS/cm . The cell cannot be used for measurements in concentrated salt solutions and mineral acid solutions. It also cannot be used for measurements in solutions, which are strongly contaminated with deposits, fats or oils.

TECHNICAL DATA

Measuring range	0 $\mu\text{S}/\text{cm}$ – 100 mS/cm
Constant K range	1,0 $\pm 0,2 \text{ cm}^{-1}$
Temperature range	0 ÷ 70 °C
Minimal level of immersion	35 mm
Body diameter	12,0 $\pm 0,5 \text{ mm}$
Electrodes	Platinum
Body	Glass



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