

CONDUCTIVITY CELL TYPE: EC-201t

EC-201t conductivity cell is recommended for conductivity or salinity measurements in ultra pure water and for temperature measurements. The cell is equipped with built-in temperature sensor (Pt-1000 resistor). Low K constant enables measurements in ultra pure water. The platinum electrodes of wide surface have been used. Glass body.

The cell may be applied for measurements in immersion or in flow – the second method is especially recommended for measurements in water of very low conductivity. The measurement without contact with air is more accurate, as gases contained in air may get into the liquid and significantly change the reading. As additional equipment, we offer a glass flow-through vessel put on the bottom of the electrode. The water is collected directly from a distiller or a pipeline through the valve and runs through the wire to the stub pipe at the bottom part. Outflow of the liquid through the stub pipe to the sewage system or a container provided by the user.

TECHNICAL DATA

Range:	0 ÷ 200 $\mu\text{S/cm}$
Electrodes – platinum:	\varnothing 7 x 18 mm
K constant:	0,1 \pm 0,02 cm^{-1}
Temperature range:	0 ÷ 60 °C
Minimal immersion level:	20 mm
Diameter:	12,0
Length without cable cap:	120 mm \pm 5mm
Cable length:	1 m
Connector:	BNC-50
Body material:	glass
Temperature sensor:	Pt-1000



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