

## CONDUCTIVITY CELLS ECF-1, ECF-1t

**ECF-1 and ECF-1t** are immersible cells recommended for conductivity measurements in clear and contaminated water, sewage with sediments, grease, oil, acids, alkalis. These can also be used for measurements in water paints.

**ECF-1t** is equipped with built-in temperature sensor

Metal electrodes are easy to clean and resistant to mechanical damage. The housing is equipped with electrode cover, which may be screwed off easily to clean the electrodes.

All the models may be used for conductivity measurements in range  $0 \div 500$  mS/cm what enables using it in many applications.

The main advantages of the cells are: accuracy, easy cleaning, resistivity of the electrodes to corrosion and affordable price.

The cells may cooperate with all conductivity meters made by Elmetron after the 2002 year.

### TECHNICAL DATA

Range:	$0 \div 500$ mS/cm
K constant:	about $0,45 \text{ cm}^{-1} \pm 0,05$
Temperature range:	$0 \div 80$ °C
Minimal immersion level:	20 mm
Diameter:	$12,0 \pm 0,5$ mm
Cable length:	1 m
Connector:	BNC-50
Body material	PVC
Temperature sensor:	Pt-1000 (ECF-1t)



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