

## CONDUCTIVITY CELL ECF-4t

The **ECF-4t** cell is designed for conductivity and salinity measurements in liquid. The measuring range of the cell is  $10 \mu\text{S}/\text{cm} \div 300 \text{mS}/\text{cm}$ , which is sufficient for conductivity measurements in almost all types of liquid apart from the ultra pure water. It is especially designed for measurements in municipal waste. **ECF-4t** is equipped with a built-in temperature sensor.

**The main advantage of ECF-4t is maintaining accuracy despite of contamination of the electrodes.** The decisive factor is the four-electrode measurement method. The cell cooperates exclusively with **CC-404** meter adjusted to this kind of measurement method.



*The ECF-4 tcell*

The electrode cap is a measurement cell, which may be unscrewed to clean the metal electrodes, which are resistant to mechanical damage.

## TECHNICAL DATA

|                          |                                 |
|--------------------------|---------------------------------|
| Measuring range          | 10 $\mu\text{S/cm}$ ÷ 300 mS/cm |
| K constant               | about 1 $\text{cm}^{-1}$        |
| Temperature range        | 0 ÷ 60 °C                       |
| Minimal immersion depth  | 40 mm                           |
| Body diameter            | 12.0 $\pm$ 0.5 mm               |
| Length without cable cap | 113 $\pm$ 2 mm                  |
| Cable length             | about 1 m                       |
| Body material            | PCV                             |
| Connector                | multipin                        |

**ELMETRON**®

41- 814 ZABRZE ul. W. Witosa 10

tel. 32 273 81 06

[info@elmetron.com.pl](mailto:info@elmetron.com.pl) [www.elmetron.pl](http://www.elmetron.pl)