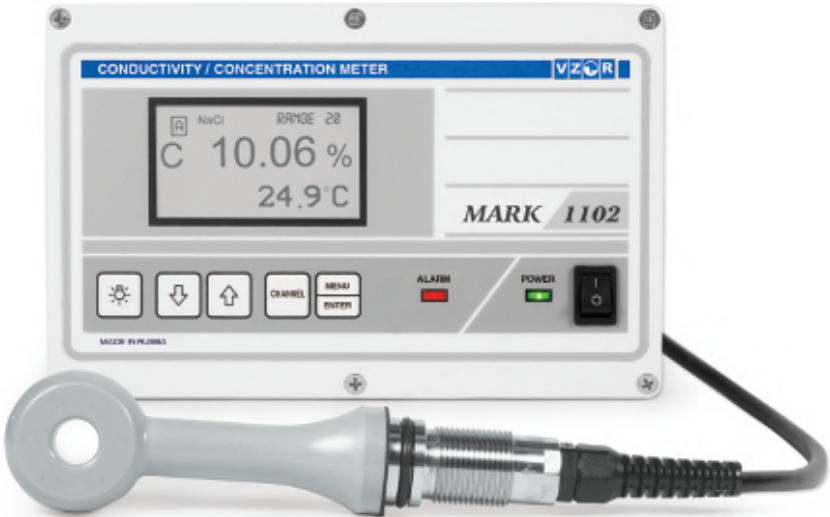


dual-channel on-line conductivity | concentration meter
MARK® 1102

Continuous measurements of conductivity (absolute and adjusted to 25 °C), temperature and concentration of aqueous solutions (NaCl, NaOH, HNO₃, H₂SO₄, HCl).



Contactless inductive sensor resistant to aggressive environments |

2 channels |

Programmable ranges of measurements for each channel.
Independent measurements in two points.

Possibility of placing the converting unit on the remote distance from the sampling point |

Up to 100 m.

Communication with external devices |

Galvanic isolated current outputs 0–5/4–20/0–20 mA.
RS 485 port. MODBUS RTU protocol. Programmable setpoints for each channel.

Durable aluminum case IP65 |

Dust and moisture protected.

Backlit graphical LCD |

Easy input of all parameters by keypad.

Various types of installation (dip, flow, in-line) |



specification

	Measuring range	Resolution	Accuracy
Conductivity, mS/cm	0–1000	0,1	±(1 + 4%*æ)
Concentration, % NaCl, HNO ₃ , H ₂ SO ₄ NaOH, HCl	0–15 0–10	0,01	±(0,03 + 4%*C)
Temperature, °C	0–70	0,1	±0,5 æ, C – measured values
Converting unit		Sensor	
Mounting	Wall	Panel	
Dimensions, mm	266*170*95	252*146*115	250*47*36
Weight, kg	2,60	2,60	0,50
Power supply	220 or 36 V, 50 Hz /10 V · A		

environment requirements

Temperature, °C	0–70
Pressure, MPa, max	0,8

ORDERING DATA

basic kit

Converting unit
Sensor unit with 5 m cable
Operation manual

optionally

Sensor unit for the second channel
Connecting cable up to 100 m
Dip mounting kit
Flow mounting kit
In-line mounting kit