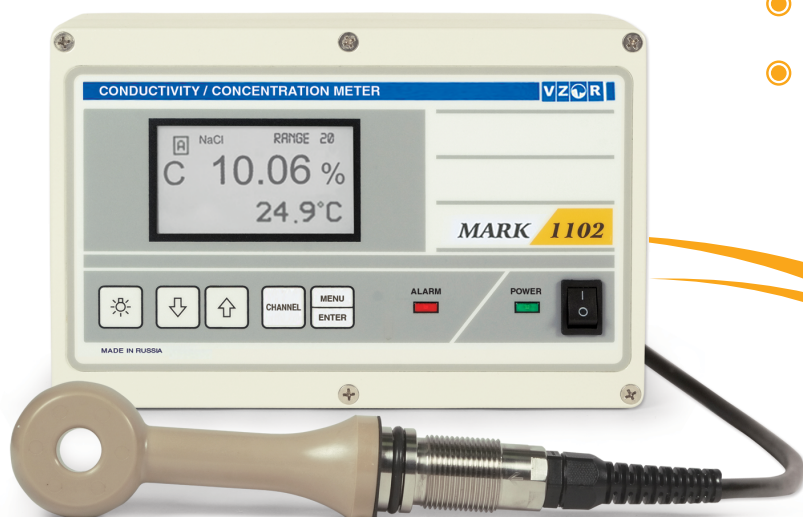


DUAL-CHANNEL ON-LINE CONDUCTIVITY | CONCENTRATION METER

MARK® 1102

Is a dual-channel meter for 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 mediums**
 - **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 point of control**
Sensor cable length up to 100 m.
 - **Communication with external devices**
2 galvanic isolated current outputs 0–5/4–20/0–20mA. RS 485 galvanic isolated port. Programmable setpoints for each channel.
 - **Durable aluminum case IP65**
Instrument is protected from dust and moisture.
 - **Graphic LCD display with backlight**
Easy input of all parameters by keypad.
- Various types of installation (dip, flow, in-line)**



SPECIFICATION

	Measuring range	Resolution	Accuracy
Conductivity, $\mu\text{S/cm}$	0–1000	0,1	$\pm(1 + 4\%$ of measured value)
Concentration, %			
NaCl, HNO ₃ , H ₂ SO ₄	0–15	0,01	$\pm(0,03 + 4\%$ of measured value)
NaOH, HCl	0–10		
Temperature, °C	0–70 *	0,1	$\pm 0,5$
	*automatic temperature compensation range		
Mounting	Wall	Panel	
Dimensions, mm	266*170*95	252*146*100	
Weight, kg	2,60	2,60	
Power supply	220 or 36 V, 50 Hz /10 V·A		

ENVIRONMENT REQUIREMENTS

Temperature, °C	0–70
Ambient overpressure, bar, max.	8

The company reserves the right to make changes into the products configuration without their performance degradation

order information



BASIC KIT

Converting unit
Sensor unit SU 1102
5 meter connecting cable C 1102.5
Operation manual

OPTIONALLY

Sensor unit SU 1102 for the second channel
Connecting cable C 1102.L up to 100 m
Dip mounting kit
Flow mounting kit
In-line mounting kit