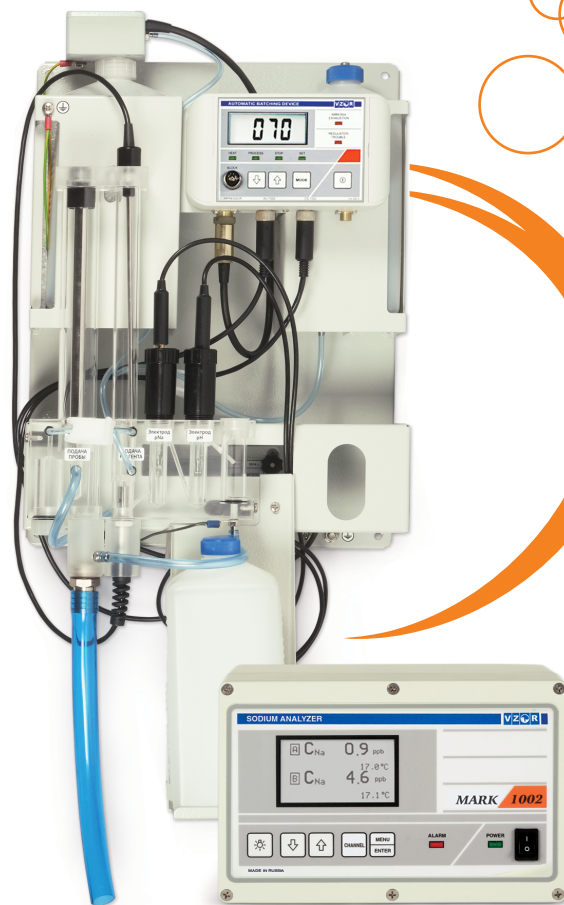


DUAL-CHANNEL ON-LINE SODIUM ANALYZER

MARK® 1002

Is a dual-channel analyzer for continuous measuring of sodium concentration as CNa (or PNa) and temperature for high purity water environments.

- **2 channels**
Programmable ranges of measurements for each channel.
Independent measurements in two points.
- **Convenience and accuracy of measurement, minimum maintenance**
Measuring range from 0,01 CNa. Measurement accuracy 6%.
Long inter-calibration period (up to 6 months).
Dual automatic temperature compensation.
Automatic batching device of the alkalizing reagent.
Absence of KCL flask.
- **1 solution calibration**
If necessary, 3-point-calibration is possible.
- **«Active» sensor unit**
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.



SPECIFICATION

		Measuring range	Resolution	Accuracy
CNa, ppb	MAPK 1002	0,7–500	0,1	$\pm(0,5 + 0,12 \cdot C_{Na})$
		500–2000 ¹		$\pm 0,3 \cdot C_{Na}$
pNa	MAPK 1002 T	0,01–500	0,01	$\pm(0,03 + 0,12 \cdot C_{Na})$
		4,66–7,52		0,01
		4,06–7,52 ¹		
		4,66–9,36	0,01	
Temperature, °C		0–50 *	0,1	$\pm 0,3$

¹ only for MARK® 1002 P, *automatic temperature compensation range

	Converting unit		Hydraulic panel
Mounting	Wall	Panel	
Dimensions, mm	266*170*95	252*146*100	300*650*200
Weight, kg	2,60	2,60	4,0
Power supply	220 V, 50 Hz /10 V·A		24 V

ENVIRONMENT REQUIREMENTS

Temperature, °C	10–40
Sample flow rate, dm ³ /min	0,05–3
Temperature of ambient air, °C	5–50

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

order information



BASIC KIT

Converting unit
Hydraulic panel HP 1002
or HP 1002 T
Power supply unit
5 meter connecting
cable C 1002.5
Operation manual

OPTIONALLY

Hydraulic panel and
power supply unit
for the second channel
Connecting cable
C 1002.L up to 100 meters
Sample collecting kit
OPC-server