

Dual-channel On-line Sodium Analyzer MARK-1002

MARK-1002 is a dual-channel analyzer for continuous measuring of sodium concentration as C_{Na} (or pNa) and temperature for high purity water applications.

Features

- Two channels for independent measurements in two points
- Suitable for ultrapure water measurements
- Measuring range from 0,01ppb
- Automatic temperature compensation
- Easy one-point calibration. Up to three points calibration is possible. Device is originally calibrated
- Long time interval between calibrations: up to 6 months
- Auto batching of alkalization solution
- Programmable ranges of measurements for each channel
- Programmable setpoints for each channel
- Two isolated current outputs 0-5/4-20/0-20mA
- RS-485 port
- Probe unit cable length up to 100 m
- Backlit graphic LCD with adjustment of illumination. Easy input of all parameters by keypad
- User selectable security code to protect settings and configuration
- Resistance to industrial interferences
- Alarm relay



Order scheme

Dual-channel On-line Sodium Analyzer

		MARK-1002-							
Measuring range C_{Na}, ppb:	from 0,01 to 500	-----	0						
	from 0,7 to 500	-----	1						
	from 0,7 to 2000	-----	2						
Probe unit with hydraulic panel:	for one channel	-----	0						
	for two channels	-----	1						
Probe-to-analyzer cable (up to 100m*):	total length for first channel, m	-----							
	total length for second channel, m	-----							
Mounting:	wall (IP65)	-----							0
	panel (IP30)	-----							1

* Default length is 5m. For the 100m length please use symbols "00".

Specification

	Measuring range	Resolution	Accuracy
C _{Na} , ppb	0,01 ... 500	0,01	±(0,03 + 12% of value)**
	0,7 ... 500	0,1	±(0,5 + 12% of value)**
	500 ... 2000		±30% of value
pNa	4,66 ... 9,36	0,01	
	4,66 ... 7,52		
	4,06 ... 7,52		
Temperature, °C	10 ... 40***	0,1	±0,3

Ambient conductivity: for range 0,01-500ppb not more than 3,0 μS/cm
 for range 500-2000ppb not more than 11,0 μS/cm

Dimensions of analyzer only:

wall mounting.....266*170*95 mm
 panel mounting.....252*146*100 mm

Weight of instrument only 2,6 kg

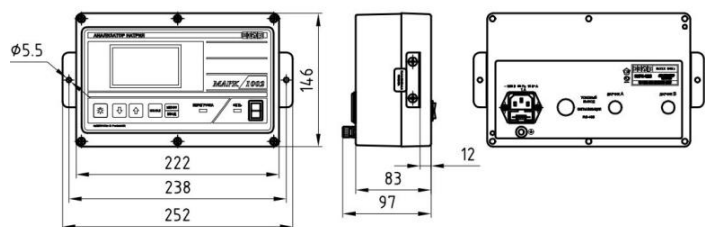
Power supply220 V, 50Hz/ 10 VA

**type error is 6%

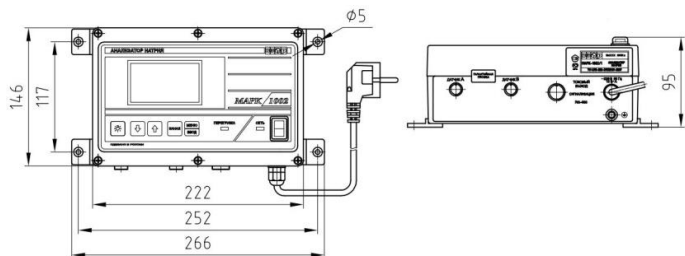
***automatic temperature compensation range

- ☆ *Included into Russian Federation State Register of approved measuring instruments*
- ☆ *Has the License of Russian Federation Federal Inspectorate of ecologic, technical and nuclear for use in power plants applications*
- ☆ *Certificated to electromagnetic compatibility*
- ☆ *Warranty 12 months*

Dimensions of the block, mm:



Panel mounting



Wall mounting

Dimensions of the hydraulic panel, mm:

