

Dual-channel On-line Dissolved Hydrogen Analyzer MARK-509

MARK-509 is a dual-channel analyzer for continuous measurements of dissolved hydrogen concentration (including low level concentrations) and temperature for water and aqueous solutions.

Features

- Two channels for independent measurements in two points
- Automatic barometric pressure compensation
- Automatic temperature compensation
- Easy and fast calibration
- 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
- Long-lived flow-dip sensors
- Probe 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



What's included: a DH probe, electrolyte, a hydraulic devise, consumables kit, calibrator, operation manual

Order scheme

Dual-channel On-line Dissolved Hydrogen Analyzer

	MARK-509-								
DH probe:	for one channel -----	0							
	for two channels -----	1							
Hydraulic devise type:	hydraulic panel -----	0							
	flow stabilization module-----	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	
Power supply:	220 V -----								0
	36 V -----								1

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

Specification

	Measuring range	Resolution	Accuracy
DH concentration, ppb	0 ... 2 000	0,1	$\pm(3 + 4\% \text{ of value})$
Temperature, °C	0 ... 70**	0,1	$\pm 0,3$

Dimensions of analyzer only:

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

Weight of instrument only2,6 kg

Power supply220 V or 36V, 50Hz/ 10 VA

**automatic temperature compensation range

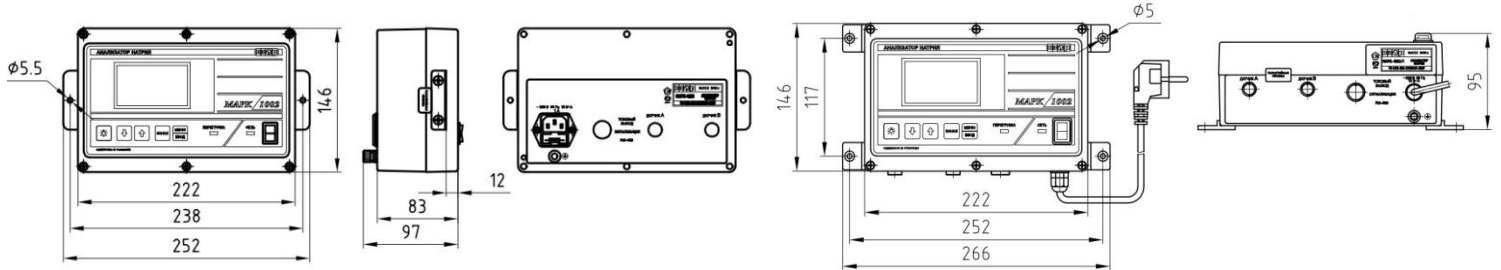
☆ Included into Russian Federation State Register of approved measuring instruments

☆ 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

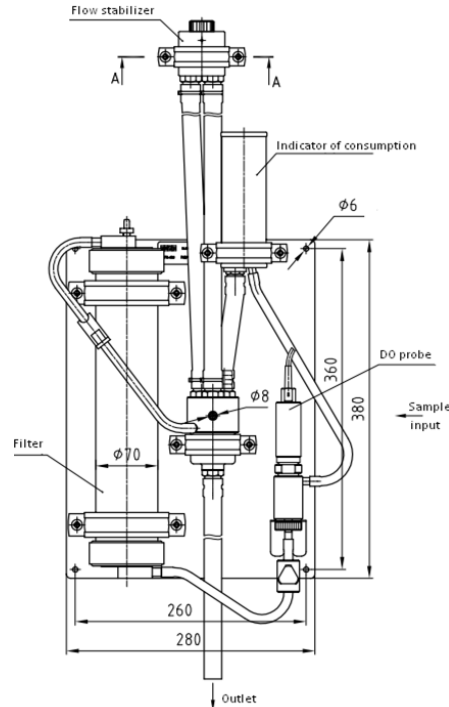
Dimensions of the block, mm:



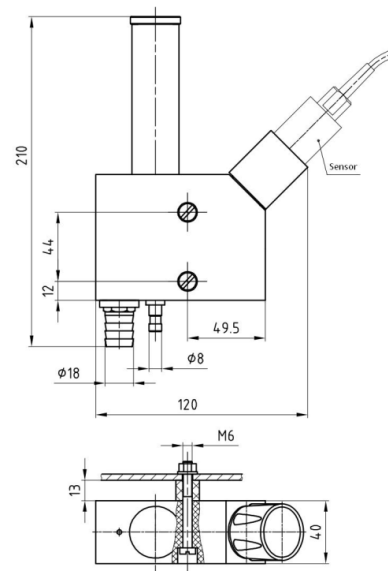
Panel mounting

Wall mounting

Dimensions of the hydraulic panel, mm:



Dimensions of the flow stabilization module, mm:



Specification subjects to change without notice.

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