

HP-5101 Hydropanel for dissolved oxygen analyzer

Hydropanel HP-5101 is designed for preliminary preparation of controlled liquid: setting the nominal value and stabilize the flow through measuring cell, in which mounted the amperometric sensor (with built-in temperature sensor); to ensure noise immunity of the measurements; also to calibration of the sensor by air or with calibration gas mixture.

Hydropanel can be equipped with an electronic flow meter (optional).

The analyzer DO-5101 is installed on the hydraulic panel. Hydropanel together with DO-5101 analyzer can be used in such industries as nuclear power, heat power, chemical, food, etc.

BASIC TECHNICAL SPECIFICATION AND PARAMETERS

Measuring cell.....	flowing
Main materials, contacting with analyzing liquid.....	plexiglass, stainless steel
Measuring range of input liquid.....	(0,9...48) l/h
Operating flow in cell.....	5 l/h
Temperature of measuring liquid.....	(5...45) °C
Weight with sensor.....	max 4,5 kg

OVERALL AND MOUNTING DIMENSIONS

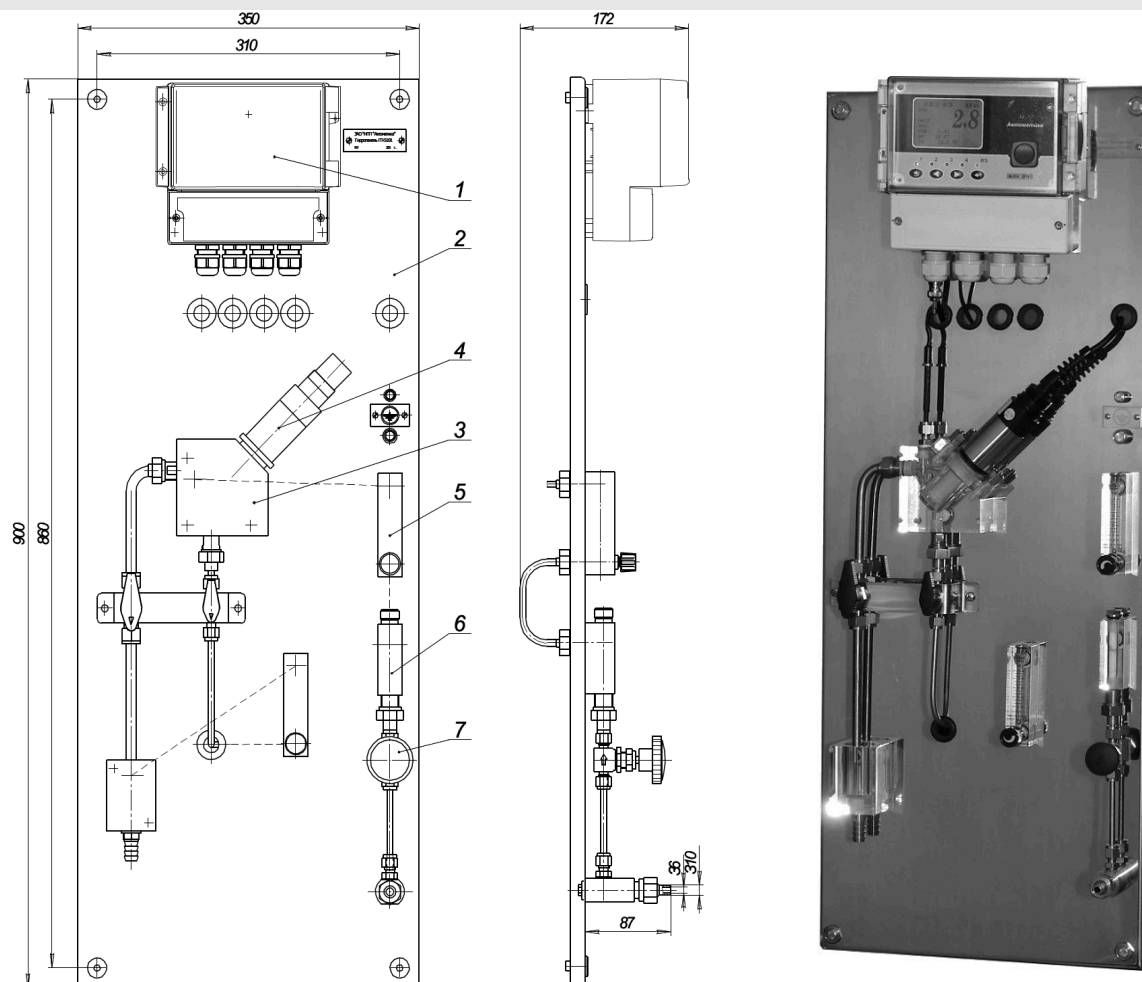


Figure 1. Hydropanel HP-5101 (stainless steel material)

- 1) Dissolved oxygen analyzer DO-5101; 2) the panel from stainless steel; 3) a measuring cell; 4) dissolved oxygen sensor; 5) a rotameter; 6) the filter; 7) control valve