

Automated pneumatic calibrating system "PSKA"



Intended use

Large-scale calibrating gauge pressure measuring instruments: pressure transducers, reference and other manometers. Calibrating pressure measuring instruments operated in dirty environments.

Highlights

Automated generation of test pressure — pressure increasing and decreasing control via high-precision valves.

Test pressure generating range is from -0.095 to 2.5 MPa¹.

Four connections for pressure transducers.

The device is equipped with unique built-in system for fluids and contaminations removal from units under calibration.

Standard scope of supply includes low-noise compressed air supply system up to 2.6MPa (noise level is not higher than 42dB, which is comparable with PC processor noise).

Standard scope of supply includes set of nuts for easy connecting units under test, set of modern sealing for by hand tightening without wrenches needed, repair kit.

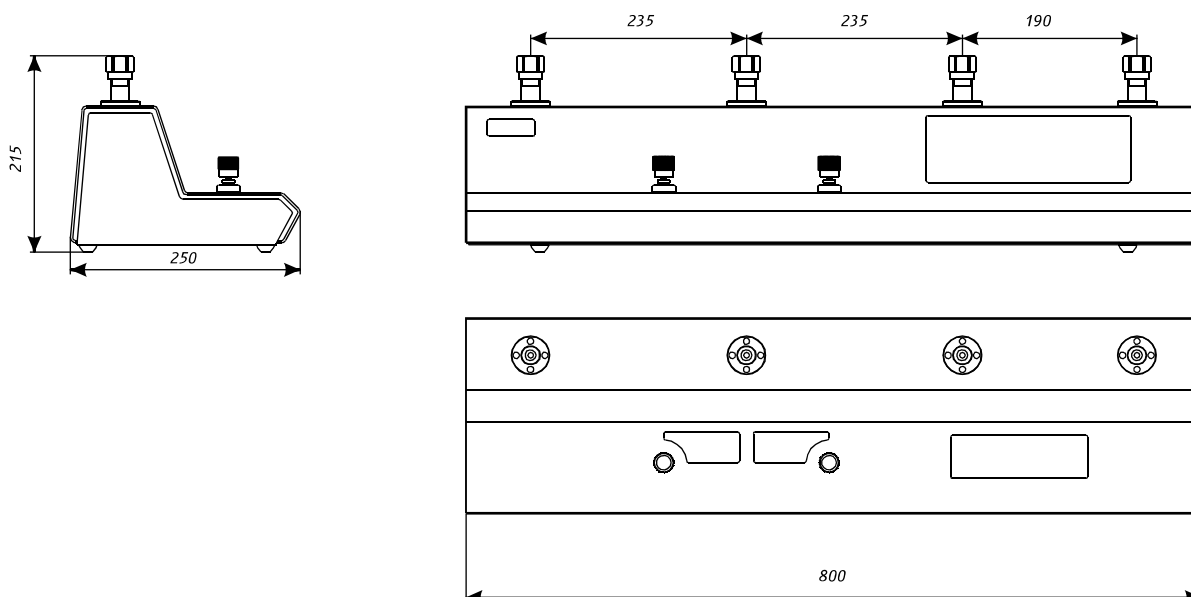
Low cost of the system.

¹ — For vacuum generation, optional vacuum pump shall be acquired.

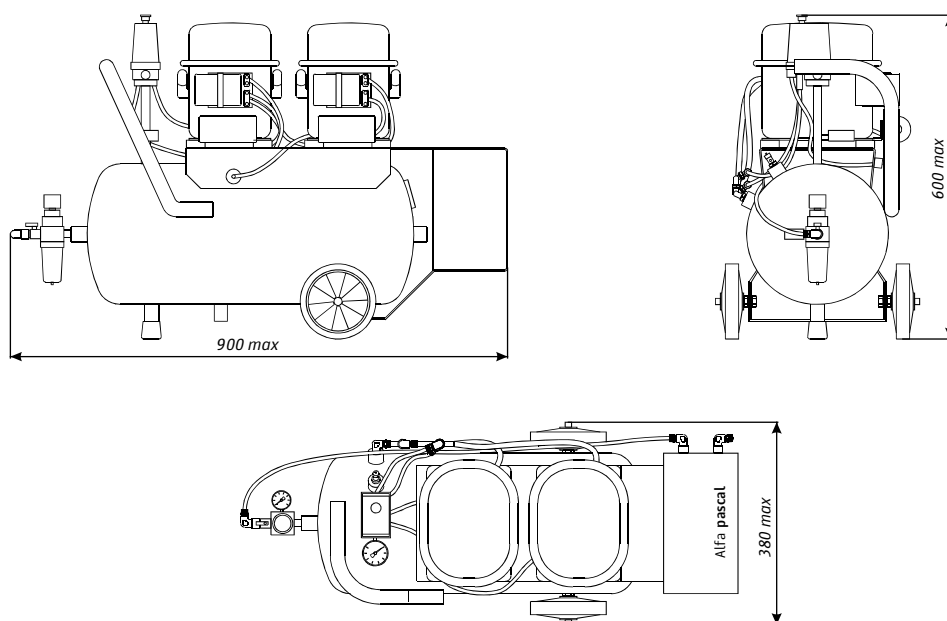
Main Technical and Performance Data

	PSKA
Pressure generation range, MPa	- 0,095 ... 2,5
Units under test, pc	3
Working medium	Air
Weight, power supply system excluded, kg	17

Overall dimensions



PSKA: control panel



PSKA: power supply system

Automated pneumatic system for comparison calibration PSKA may be optionally equipped with vacuum generating system.



The system is not under mandatory certification.

Standard package:

- control panel (desktop design, see picture at page 1);
- compressed air supply system up to 2.6 MPa (floor-standing);
- threaded fittings kit for connecting units under test: M20*1.5 (4 pcs); M12*1.5 (3 pcs); G1/2 (3 pcs); G1/4 (3 pcs).
- set of sealing rings;
- spare parts kit;
- user manual.

Options:

- desktop vacuum generating system;
- fittings with special threads for connection with instruments to be calibrated.
- standard manometers.

Order example:

PSKA / Vacuum pump / Fitting M16*1 (2 pcs)

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