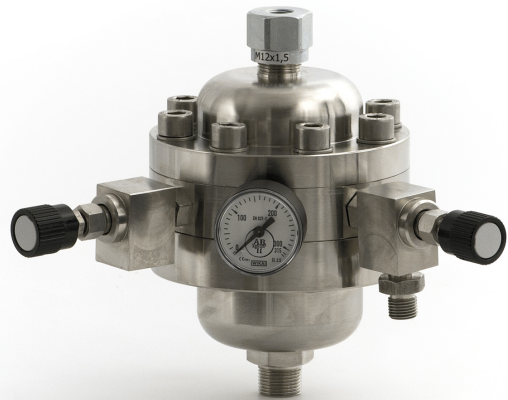


Hydraulic diaphragmless and pneumatic-hydraulic phase separators «RGB» and «RPG»



Intended use

The Oil/Water Separator RGB¹ is designed for calibration and verification of pressure measuring devices that are sensitive to contamination by oil (including oxygen version). The separator is installed directly on the hydraulic device, filled with working medium and ready for operation, does not require an additional source of pressure creation. Maximum pressure of 70 MPa.

The Liquid/Gas Separator RPG² is designed for calibration and verification of pressure measuring devices that are sensitive to contamination by liquid (including food, oxygen and special versions). The separator is installed directly on the hydraulic device and requires connection to a power supply (compressed gas cylinder or compressor). Maximum pressure of 25 MPa.

Highlights

Allows for extension of application range of existing pressure generating devices without purchasing new instruments.

The instruments have universal design and, unlike analogues, maximum phase separation range up to 25 Mpa.

Do not induce additional non-systemic error during measurements due to absence of mechanical separator in diaphragm design.

¹ At low pressures, elevation difference shall be compensated → by connecting reference instrument and unit under test.

² Requires external source of gas pressure which exceeds desired output pressure by 10% (gas cylinder or compressor).

Main technical and operational characteristics

	RGB	RPG
Pressure range, MPa	0...70	0...25
Units under test, pcs	1	
Weight of the device, kg	10	8
Separated	oil/water	liquid/gas
Overall dimensions (L × W × H), maximum, mm	120 × 195	250 × 330 × 200

Options

On request, phase separators RGB and RPG can be equipped with comparison pump «GUSK», Pressure balance «MP», high pressure hoses and other auxiliary equipment.



Comparison pump «GUSK» with RGB



Pressure balance «MP» with RPG

Certification

Phase separators is not subject to mandatory certification.

Package

Standard package RGB

- phase separator;
- threaded fittings kit for connecting units under test:
M20 × 1,5 — 1 pcs; M12 × 1,5 — 1 pcs; G½ — 1 pcs; G¼ — 1 pcs;
- o-rings kit;
- o-rings kit;
- user manual.

Standard package RPG

- phase separator;
- hose for connecting external pressure source;
- threaded fittings kit for connecting units under test:
M20 × 1,5 — 1 pcs; M12 × 1,5 — 1 pcs; G½ — 1 pcs; G¼ — 1 pcs;
- o-rings kit;
- o-rings kit;
- user manual.

Options

- fittings with special threads.