

Portable calibration complex PPKD



Lightweight, compact, shockproof case with formed compartments for each element of the PPKD complex

Intended use

Verification and calibration the pressure measuring instruments in the field.

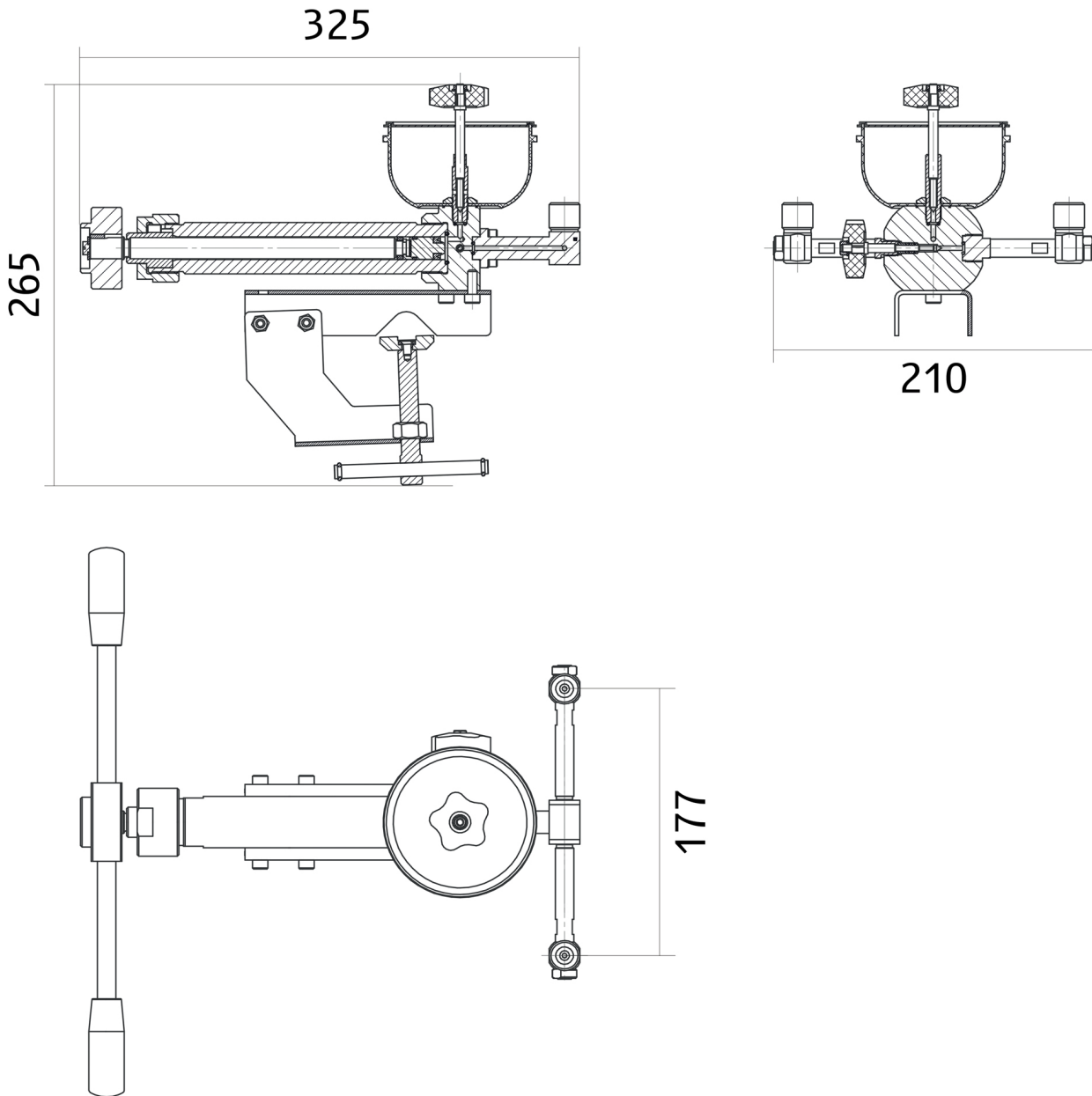
Highlights

- Fully complete portable workstation for calibration of pressure gauges, vacuum gauges and combined pressure-and-vacuum gauges in the range from minus 0.1 to 60 MPa.
- Working medium: air, oil, water.
- No power is required for operation.
- Possibility of transportation in a fully filled state and quick preparation for work after transportation.
- Light weight and small-size.

Main technical and operational characteristics

	PPKD
Pressure generation and measurement range, MPa	-0,09 ... 60
Accuracy class	0.06; 0.1; 0.15; 0.25 (depending on the gauges included in the PPKD)
Weight of the kit, kg	13
Volume of the bowl for the working medium, ml	200
Overall dimensions of the set in the case (L×W×H), mm	515×415×200

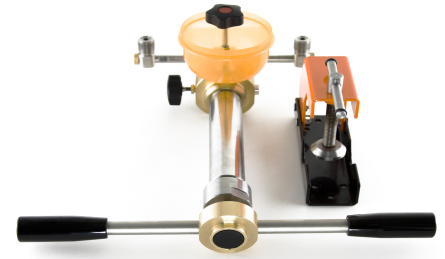
Overall dimensions without case



Small-sized hydraulic-pneumatic pump PGM

It is a universal source of gauge pressure and vacuum, significantly lighter compared to analogues, a bowl with a sealed lid preventing working medium spillage during transportation in the filled state, universal clamp for fastening both in laboratory (to the countertop) and in the field (to the pipe, profile, fencing and other structures)

PPKD kit includes a set of adapters for the most commonly used threads of pressure gauges: M20×1.5; M12×1.5; G½; G¼ and a set of seals allowing the installation of hand-tightened pressure gauges.



Reference multi-range digital pressure gauges DM5002M-A-LCD

As compared with pointer reference pressure gauges the advantage of pressure gauges DM5002M-A-LCD is:

- multi-range feature: each digital pressure gauge DM5002M-A-LCD features several switchable measurement sub-ranges with assuring the same accuracy class in each sub-range. *Due to this feature one pressure gauge DM5002M-A-LCD can replace four pointer reference pressure gauges;*
- switching between different units of measurement: MPa, kgf/cm², one more — optional: psi, mm Hg, etc.;
- high accuracy class: 0.25; 0.15; 0.1 & 0.06.



The standard delivery package includes three digital pressure gauges DM5002M-A-LCD:

- -0.1... 2.4 MPa (measurement sub-ranges -0.1... 2.4 MPa; -0.1... 1.5 MPa; -0.1... 0.9 MPa; -0.1... 0.5 MPa)
- 0... 10 MPa (measurement sub-ranges 0... 10 MPa; 0... 6 MPa; 0... 4 MPa; 0... 2.5 MPa)
- 0... 60 MPa (measurement sub-ranges 0... 60 MPa; 0... 40 MPa; 0... 25 MPa; 0... 16 MPa)

Possible accuracy classes: 0.25; 0.15; 0.1 & 0.06.

Certification

- Test pressure devices are not subject to mandatory certification.
- The supplied reference measuring instruments are included in the state register of measuring instruments.

Package

Standard package:

- small-sized hydraulic-pneumatic pump PGM;
- three reference multi-range digital pressure gauges DM5002M-A-LCD with autonomous battery power;
- a set of adapters (thread M20×1.5; M12×1.5; G½ G¼) and seals with a tightening by hand for easy installation of the measuring instruments on test and reference pressure gauge;
- extended spare tools and accessories kit;
- compact shockproof case with high degree of dust protection IP67.

Extended spare tools and accessories kit:

- spare tools and accessories kit for PGM press;
- additional set of rubber seals for installation of pressure gauges on test;
- extension wrenches (2 pcs);
- spare battery pack and charger for long term operation;
- airtight vessel for the working medium;
- rags.

Options:

- digital reference pressure gauges with different measurement ranges;
- separation chamber for oxygen pressure gauges calibration;
- calibrator-multimeter for power supply of pressure measuring instruments, output signal measurement, calibration of electric-contact pressure gauges;
- adapters with device-specific threads;
- enlarged case with wheels and telescopic handle.