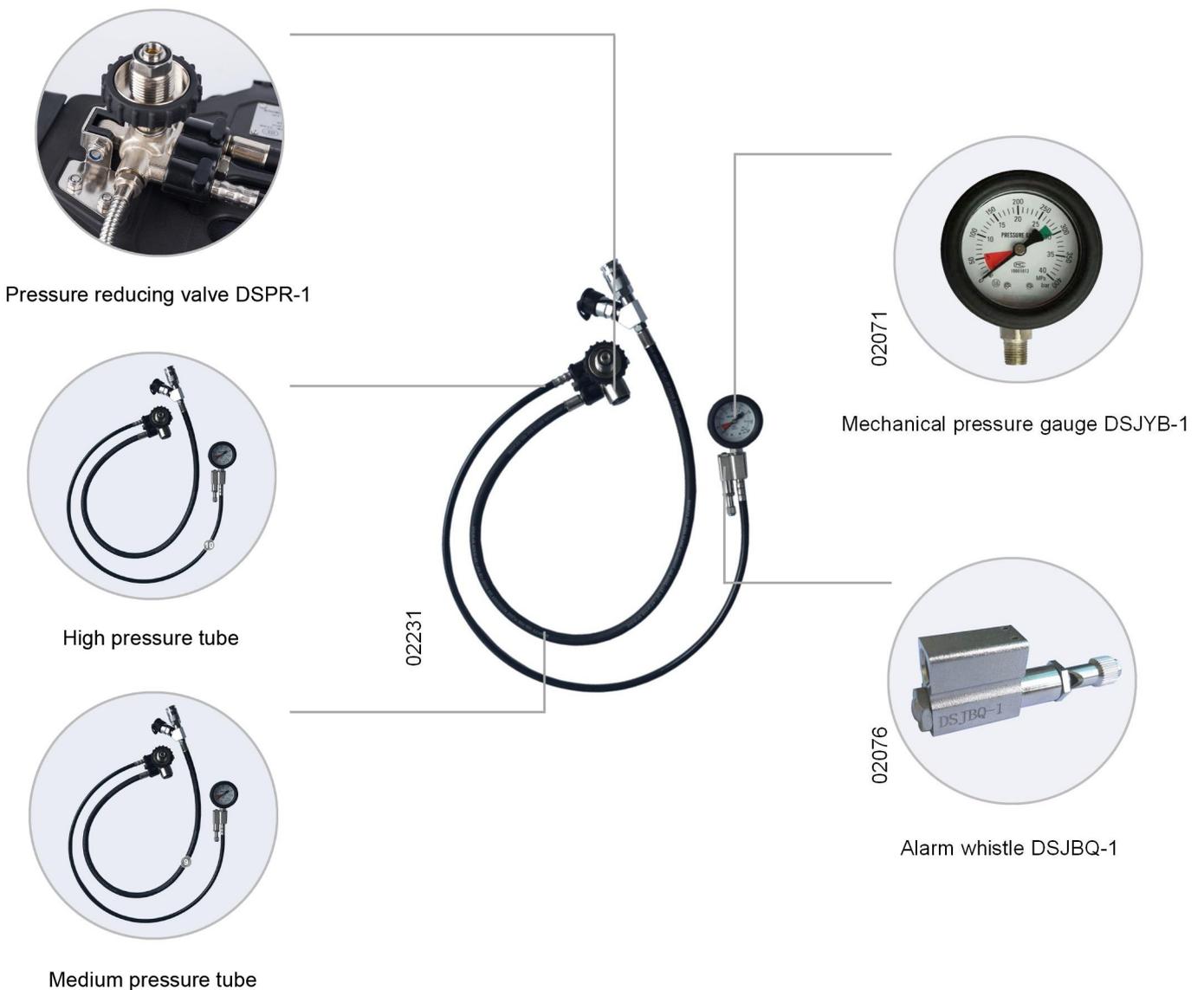


DOSEEM Pressure reducer unit 02231

The pressure reducer unit includes pressure reducing valve device, high pressure tube, medium pressure tube, mechanical pressure gauge, alarm whistle, fast connector. High-pressure air can be converted into low-pressure air that is a safe breathing standard for the human body.

Features: Scientific design, safe decompression, selection of high quality stainless steel, anti-oxidation, flame retardant, impact resistance, pressure gauge 24 hours waterproof.



Pressure reducing valve DSPR-1

The pressure reducing valve is a device that depressurizes the high-pressure gas to a constant output pressure of 0.8 ± 0.2 MPa and supplies the gas to the supply valve. The pressure relief valve is mounted on the backrest and is linked to the cylinder valve by the connection nut hand-wheel.

The gas source output is divided into two parts: high pressure and low pressure. The high-pressure gas source gas is sent to the high pressure meter and residual gas alarm through the high pressure tube. After decompression, the low-pressure gas source is sent to the air supply valve through the medium pressure tube, and the low pressure end is provided with a safety valve in the crucible cavity. Pressure relief valve and medium pressure tube, high pressure tube connection are plug-in type, the tube can rotate freely.



Medium pressure tube

The medium pressure tube is an air output flexible conduit composed of a rubber tube and a quick connector. One end is connected to an air supply valve, and the other end is connected to a pressure reducer. The connection method is a card-type connection, which can be quickly loaded and unloaded, and can also be freely rotated in the same plane.



High pressure tube

The high-pressure tube is a pressure-resistant rubber tube, and it is responsible for delivering the high-pressure gas source to the high pressure meter and the residual gas alarm system.

High-pressure tube design combined with the front alarm system, at any time to see the remaining air in the cylinder, the bottle will automatically alarm when the pressure is lower than 5MPa.



Pressure gauge DSJYB-1

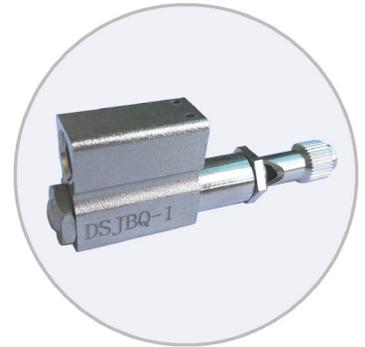
The combination of a high-voltage gauge and a residual alarm can both indicate the air supply pressure of the cylinder and give an audible alarm when the cylinder reaches the design approval pressure.



Article number: 02071

Alarm whistle DSJBQ-1

The gauge range is 0-40MPa, the working pressure of the cylinder is 27-30MPa and the alarm pressure 5-6MPa is marked with green and red areas, respectively. When the pressure of the cylinder drops to 5 ± 0.5 MPa, the residual gas alarm will emit a continuous sound of 90dB to remind the user that the gas source will be used up and it is necessary to evacuate the site as soon as possible. For a cylinder with a volume of more than 5L, the gas source for the cylinder can be used by the wearer for 5-8 minutes.



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Manufacturer

Tel: +86-21-67329826

E-mail: info@doseem.com

Web: <https://www.doseem.com>

Add: No.599 Hong'an Rd, Jinshan, Shanghai



Wechat official



Official website