

## DOSEEM DSG-1 Demand Valve

This demand valve is a plug-in type positive pressure demand valve. The air supply flow is greater than 300L/minute. Simply insert the mask during use and take a deep breath to open the demand valve for air supply.

Operation method: Place the demand valve inlet Insert the mask directly, and hear a "beep" sound, indicating a smooth insertion. Take a deep breath and the demand valve will automatically open the air supply.

The bypass valve is a method for the use of an emergency valve designed on the demand valve: when the demand valve fails, the bypass valve button is directly pressed, and the demand valve can supply the mask directly to the air supply for the operator to evacuate and use.



## ADVANTAGE

---

### Strong and sturdy

The main body of the demand valve is molded from an extremely strong composite material. The exterior is made of a durable silicone rubber cover. It has the characteristics of fireproof, anti-chemical and anti-collision, providing additional protection for the demand valve. This design minimizes maintenance costs.

---

### Clear communication

At the heart of the demand valve is a precision balanced piston device that is very quiet even during work and shortness of breath. This way, team members can safely communicate with each other while the team is working. This advantage is especially useful when communicating with the outside world during rescue operations.

---

### Suction automatically opens

Open the demand valve automatically with a deep breath, which means you can breathe freely as long as you wear a respirator.

---

### More action

When connected to the mask, the demand valve can be rotated and the wearer can freely adjust to the appropriate direction, which makes the wearer's action more free. The demand valve is finally coordinated with the operator's body.

---

### Simple and safe to operate

Practical and streamlined design: easy to handle even with gloves and a secure connection to the mask. The red positive "off" button is in the middle for easy positioning and operation. The uniquely contoured wavy shape ensures that the device is installed on the mask without obstructing your view and allowing you to work.

---

### Easy to maintain

Balanced piston assemblies sealed at the factory do not require regular maintenance or lubrication, which minimizes costs and prolongs service life. The protective cover can be removed quickly if necessary, so as to clean and disinfect the device.

---

### Other advantages:

- Ring gasket, reliable sealing;
- Lightweight, comfortable and easy to handle;
- Efficient and fast, easy to operate;
- Multiple thread anti-off design is safely and firmly connected to the mask;
- With air intake switch and throttle switch, fully improve air utilization and operating safety.

## CHECK THE SUPPLY OF DEMAND VALVE:

Open the cylinder valve switch, wear a full-face mask, connect the demand valve, take a deep breath, and the demand valve will “click ” to open the air supply. During the air supply, take a deep breath several times to check the performance of the demand valve. If the inhalation and exhalation are comfortable without discomfort, and the demand valve should be freely supplied or stopped with the breathing of the wearer, that is, to supply air when inhaling, and stop the air supply when breathing and holding the breath. This shows that the demand valve is in good condition, which can guarantee the effective use of compressed air.

Close the demand valve switch, open the bypass valve switch, continue to supply air in the mask, and continue the air flow after the bypass valve is closed. This indicates that the demand valve and the bypass valve are working properly.

## MAINTENANCE

Use a soft, lint-free cloth or gauze to clean the surface of dust and dirt.

## TIPS:

Do not immerse the demand valve in water for cleaning. Only use a soft cloth to wipe the water. Care must be taken not to immerse the liquid in the demand valve and hose, especially in winter. After entering the water, it will cause ice inside the demand valve, causing unnecessary damage and danger;

Equipment must be inspected at regular intervals, and always after use in practice or in an emergency. It should never be stowed when wet or dirty.

## Manufacturer

Tel: +86-21-67329826

E-mail: [info@doseem.com](mailto:info@doseem.com)

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

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



Wechat official



Official website