

DOSEEM DSPLUS6.8X Self-contained Breathing Apparatus (SCBA)

DOSEEM self-contained breathing apparatus (SCBA) is widely used in fire control, chemical, ship, oil, smelting, electric power, warehouse, laboratory, mine and other key departments for fire fighting, fire, gas, steam, and oxygen. It is a safe and effective for fire extinguishing and rescue. An ideal personal breathing protection device.



Optimized design, easy to use

DOSEEM DSPLUS6.8X SCBA is one of the lightest breathing apparatus in the world. Innovatively developed an ergonomic backsheet with outstanding resistance to heat radiation, abrasion, tear and chemical resistance. Even in the harsh environment, DOSEEM DSPLUS6.8X respirator is very comfortable to wear and stable. DOSEEM DSPLUS6.8X passed the EN137 1000°C high temperature flame test, which has excellent anti-wear and anti-heat radiation characteristics.

Enhanced backpack system

DOSEEM DSPLUS6.8X integrates a strap that can be precisely attached to the backplate. Advanced extruded waterproof EVA harness material is protected by a CR rubber edge seal that resists tearing and wear. FR-TPE waistband with rotary function and wear-resistant and flame-retardant ensures a tight fit on the user's body even during large movements. The refined stainless steel metal lock makes the DSPLUS6.8X quality more convenient and easy to use.

Pipeline integration, safe & reliable

In order to reduce the danger of being hooked and avoid physical damage, pressure tube and the air supply tube are

integrated in the backplane clamp of DOSEEM DSPLUS6.8X backboard, which not only prevents thermal radiation impact, but also greatly enhances the safety of the enclosed space environment entering and working.

Easy maintenance

During service and maintenance, in order to minimize downtime and minimize costs, DOSEEM DSPLUS6.8X incorporates a number of unique designs, all of which can be easily removed or reconnected from the backplane using simple tools. The strap is attached to the backing plate by a single adjustment of the innovative design. The snap connection of the primary pressure relief valve allows the pneumatic section to be quickly installed or removed from the respirator. The tubing can be quickly removed and cleaned from the backing plate.

Best performance strap material

DSPLUS6.8X uses state-of-the-art harness materials designed to withstand the high wear and tear that operation personnel face every day. The product is equipped with a durable stainless steel lock and a long-life aramid blending belt, making it ideal for long wear and frequent use.

Other advantages:

- ◇ Anti poison gas
- ◇ Ergonomics
- ◇ Smoke prevention
- ◇ Thermal radiation
- ◇ Dust prevention
- ◇ Wear resistance
- ◇ Isolation oxygen
- ◇ Chemical resistance



Article number: 01214

DOSEEM DSPLUS6.8X SCBA comprises a full facemask, a demand valve, an air cylinder, a pressure gauge cylinder valve, a pressure reducing valve, 2 medium pressure tube, a rotating backplate, a warning whistle and a mechanical pressure gauge.

Approve: CE



SCBA TECHNICAL DATAS

Model	DSPLUS6.8X (01214)	Suction resistance	≤500Pa
Standard	EN 137:2006; EN 14954:2005; EN 136:1998+AC:2003	Expiratory resistance (25 times/min)	≤700Pa
Fulfill the standard	GB/16556-2007; GA 124-2013; NFPA 1981:2003	Expiratory resistance (40 times/min)	≤1000Pa
Capacity	6.8L	Operating temperature	-30~60℃
Storage capacity	2040L	The whole weight	15.5kg
Maximum air flow	≥1000L/min	Alarm intensity	≥90db
Working pressure	≤30MPa	Light work usage time	70min
Alarm pressure	5.5±0.5MPa	Moderate work usage time	45min
Static pressure in a mask cavity	≤500Pa	Heavy work usage time	30min

PACKING PARAMETERS

Inner packaging	Material: HDPE	Size: 65cm * 34.5cm * 49cm
Outer packing	Material: moisture-proof carton	Size: 75cm * 35cm * 55cm



MAINTENANCE

After each use of a SCBA it is necessary to ensure that it is stowed in a condition whereby it is ready again for immediate use. Follow the detailed instructions given by the manufacturer; they will generally include the following:

- Clean the set thoroughly;
- The full face mask should be cleaned with mild neutral detergent and disinfectant lotion, then thoroughly rinsed with clean water and dried naturally. Do not soak the mask in alcohol disinfectants for a long period of time and do not use steam for disinfection. Check that the fastenings are in good order;
- The surface of the components such as backplate, cylinder valve, pressure reducer, high pressure gauge, alarm and so on can be cleaned without plush soft cloth or gauze;
- Inspect the complete set for damage and any loose fittings;
- After use, the gas cylinder is wiped clean with soft cloth, and labelled it is the identification of empty bottle, so that it can be inflated in time. Fit a fully charged cylinder;
- Complete high pressure and low pressure tests disinfect the facemask;
- Re-stow the equipment in a ready-to-use condition and complete all use and test records;
- The maintenance of SCBA in full dry after the correct position into the packing box, stored in the air fresh, away from the heat source, without direct sunlight in the environment. It is forbidden to store in damp environment for a long time to prevent mildew.
- All equipment must be inspected at regular intervals, the inspection cycle is not more than one month, and always after use in practice or in an emergency. It should never be stowed when wet or dirty.

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