DOSEEM DS-RHZKF6.8
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 DS-RHZKF6.8 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 DS-RHZKF6.8 respirator is very comfortable to wear and stable. DOSEEM DS-RHZKF6.8 passed the EN137 1000℃ high temperature flame test, which has excellent anti-wear and anti-heat radiation characteristics.

Enhanced backpack system

DOSEEM DS-RHZKF6.8 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. The wear-resistant and flame-retardant FR-TPE belt ensures a tight fit on the user's body even during large movements. The refined stainless steel metal lock makes the DS-RHZKF6.8 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 DS-RHZKF6.8 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 DS-RHZKF6.8 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.

Pressure head-up display device

It is convenient for operation personnel to understand the pressure inside cylinder and avoid frequent checking of the pressure gauge. DOSEEM pressure head-up device consists of a backplane transmitter and a HUD. It uses a special protocol from DOSEEM to ensure the accuracy of data transmission and the uniqueness of pairing.

Article number: 01201

SCBA comprises a face mask, a HUD, a backplane transmitter, an air cylinder and valve, a demand valve, a pressure reducing valve, a high pressure pipe, a medium pressure pipe, a backplate, a warning whistle and a pressure gauge.

02001

Full face mask DSM-1

02056

HUD

02031

Demand Valve DSG-1

01201

02071

Mechanical pressure gauge DSJYB-1

02076

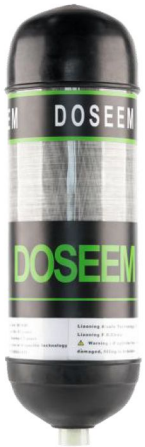
Alarm whistle DSJBQ-1

02051

Backplane transmitter DSBBFS-10

02181

Self-locking cylinder valve KHF-30



02081

6.8L Air cylinder

02041

Backplate DSB-1

02231

Pressure reducer unit

SCBA TECHNICAL DATAS

Model	DS-RHZKF6.8（01201）	Suction resistance	≤500Pa
Standard	GB/16556-2007	Expiratory resistance (25 times/min)	≤700Pa
Fulfill the standard	EN 137:2006; GA124-2013; NFPA 1981:2003	Expiratory resistance (40 times/min)	≤1000Pa
Capacity	6.8L	Operating temperature	-30~60℃
Storage capacity	2040L	The whole weight	10.9kg
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

HUD TECHNICAL DATAS

Product name	Pressure head-up display device
Model	DSHUD-10 (Receiving end)
Explosion-proof grade	Ex ia IIC T4 Ga
Operating temperature	IP67
Operating temperature	-30℃~60℃
Weight	40g
Theoretical standby time	＞1 year
Continuous working time	> 200h
Power supply battery	1 section 3.0V CR2 lithium battery
Working time at low voltage	> 2h

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.

Manufacturer

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