

Fire Resistant 3L Emergency Escape Breathing Device 30 MPa Customizable EEBD

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC



Product Specification

- Gas: Compressed Air
- Gas Cylinder Volume(L): 2L,3L,
- Service Time: 15-25 Mins
- Mask: Y-Type Design
- Usage: Emergency Escape Breathing
- Carry: Portable, Can Be Carried By Shoulders
- Working Pressure: 30 MPa
- Transport Package: Carton/Set
- Specification: 76.5*28.5*52
- Trademark: KELISAIKE
- Origin: Nanjing China
- HS Code: 90200000
- Supply Ability: 3000sets/Month
- Application: Professional Equipment
- Using Field: Land



More Images



Product Description

Fire fighting equipment emergency escape breathing device EEBD

>> Product Detail

KL99- EEBD

**Communication Mask (Optional)**

- It has sleep function, with voice activation, which can save power.
- The directional loudspeaker ensures the loudest sound is directed to the user;
- It is compatible with various brands interphones, covering almost all wireless digital or analogue interphones;
- It is water proof, explosion proof, temperature resistant and acid and alkali resistant.

**2 L/3 L Carbon Fiber Cylinder**

- 2 L/3 L carbon fiber wrapped composite cylinder.
- The inner tank is made of high strength, anti-corrosion treated, lightweight aluminum alloy. The nominal working pressure is 30 MPa, the pressure for water pressure test is 50 MPa, and the burst pressure is 102 MPa. The cylinder has the safety performance inspection certificate.

Cylinder Valve

- It is made of transparent shatterproof glass, and the pressure meter is oil free;
- The pressure meter is embedded in the cylinder valve. It displays the real-time pressure in the cylinder no matter



pressure in the cylinder no matter whether the cylinder valve is open or closed, which can help the user to know the remaining amount of air.



Emergency Escape Bag

- Made of flame resistant material, the structure makes it easy for taking out the mask and checking the pressure meter.
- It is used for storing and carrying the pull-pin type EEBD. The zipper of the bag is connected with the pressure reducer; when unzipping, the pull-pin type EEBD will be open.

>> Product Detail

EEBD



- 1. These are only used for escape from a compartment with a hazardous atmosphere, providing personnel breathing protection.
- 2. Not be used for fighting fire, entering oxygen deficient voids or tanks, or worn by fire fighters.
- 3. There is a pressure gauge on the cylinder indicating the cylinder pressure, the cylinder pressure of EEBD is not indicated by a pressure gauge during storage.
- 4. The hood is a flame resistant head cover which completely covers the head, neck, and may cover portions of the shoulders, with a transparent window.
- 5. Easy to use: open the cylinder valve and put the hood on head when in use.
- 6. The new type escape device has a new function of alarm whistle, at the same price. The alarm whistle is to remind people to quit the working environment and avoid danger when the gas storage volume is insufficient. When the cylinder pressure reaches 5 ± 0.5 MPa, the alarm whistle will send out an alarm sound.



- 1. This equipment is used to escape from seriously polluted or oxygen-deficient areas.
- 2. The cylinder is equipped with a pressure gauge, from which the pressure data of the cylinder can be read, when the cylinder valve is closed.
- 3. Supply mode: pressure stabilizing gas mask or hood.
- 4. Gas supply duration: not less than 10 minutes.
- 5. Mask system: This type of mask system is equipped with a 100% silicone full face mask, which can cover the whole face and provide a wide view, and a demand valve.
- 6. Easy operation: wear mask and open cylinder valve, then it starts to work.
- 7. Weight: less than 3.5 kg.

>>> EEBD Inspection Standard

1. The EEBD are designed and manufactured according to the International Fire-Fighting Safety System Rules which as passed by the MSC.98 (73) Resolution of the International Maritime Organization (IMO) and became a compulsory and obligatory requirement on 1 of July, 2002.
2. Standard of full face mask: EN136:1998-respiratory protective devices

>>> Application

The EEBD may provide constant fresh airflow and is used for personal escaping from a dangerous environment full of poisonous harmful air, smoke or lack of oxygen. Used for fighting fire, entering oxygen deficient voids or tanks, or worn by fire fighters.

It consists of carbon fibre cylinders, full face mask, air supply valve, gas ducts and polybag, can provide individuals 15 or 20 minutes of constant gas for escape.

>>> Key feature

1. Light and convenient for operation
2. Demand type; can be reused
3. Y-type design; cylinder valve with gauge; normal pressure indication
4. Prevent accident from occurring during emergency escape and keep sufficient air supply
5. Carbon fiber air cylinder; working pressure: 30MPa; 2L/3L- air cylinder is optional
6. PG-S pressure Gauge can make the storage volume in the bottle read clearly under a complex and dark environment.
7. It can be carried by shoulders, which can make the hands perform other protection operation for escape.
8. Not affected by dense smoke and external severe environment.
9. The service time is 20-30 mins, which can make relevant personnel quickly evacuate from the dangerous environment
10. Safe and reliable; it is a kind of important escape unit used in dangerous environment

>>> Technical Character

Cylinder material	Carbon fiber composites
Content	Compressed air
Hydrostatic pressure	45MPa
Working pressure	30 MPa
Thread	M18*1.5

Gas cylinder volume	2L / 3L
Max flow	300 L/min
Inhalation resistance	<500Pa
Exhalation resistance	<1000 Pa
Alarm pressure	4~6 Mpa
Service time	20 minutes for 2L/30 minutes for 3L
Texture of material of cylinder	34CrMo4
Cylinder inner wall coating	Pickling and phosphating

>>> Description of accessories

1. KL99 Carbon Fiber Composite Cylinder

(1) Carbon fibre cylinder has the advantages of high strength, light weight, corrosion-resistant and anti-shocking.

(2) Carbon fibre composite cylinder, inter layer is made of high intensity aluminum alloy fully wrapped with carbon fiber composite. The glass fiber surface screw is M18*1.5.

No.	Volume(L)	Outside Diameter(mm)	Wall Thickness(mm)	Working pressure(Mpa)	Weight(kg)	Length(mm)
KL99-C1	2	96	M18*1.5	30	1.5	433
KL99-C2	3	114	M18*1.5	30	2.1	446

2. KL99-A01 full mask

(1) Three dimension spherical visor. The visual field could reach 91% with great optics. The lens has been rigidified and anti-fog processed thus can be without fog on surface for long time.

(2) Fit for people's face, comfortable donning and good leak tightness.

(3) Plug-in structure to quick connect with demand valve.

(4) Leak tight mask is made of high quality flame resistant silicon rubber, oronasal cover use top silicon rubber, soft and high temperature resistant.

(5) Flame resistant reticulated hood and strap are easy to wear.

(6) Adopt high-intensity sound transmission diaphragm.

(7) Oronasal guard suitable for wearers, decrease the inhalation carbon dioxide content.

3. KL99-A05 air supply valve

(1) Demand valve, with small size, can be inserted mask in 360o promptly. Gas supply is above 500L/min.

(2) Streamlined and elegant design, do not obstruct view

(3) Manual close valve has small resistance for opening

(4) Small breathing resistance to make respiration comfortable

(5) Easy operation and use

(6) Ensure safe air supply by using manual force air supply button

(7) Outer shell uses flame resistance high intensity engineering plastics

4. Gas cylinder and cylinder valve

Y shape design, with safe self lock device to prevent inadvertent close due to hard knock or incorrect operation. Unscrew the switch handwheel by rotating in the counterclockwise direction, it is regarded as the open condition and close vice versa. There is safety diaphragm set in cylinder valve, with explosion pressure at (37-45)MPa to prevent the deformation and explosion of cylinder due to inner high pressure.

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COMPANY APPEARANCE

THE OFFICE MEETING



WORKSHOP INSTRUMENT



- Nanjing Kelisaik Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaik has three subsidiaries in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.
- Standard products include the K60 series portable single gas detectors, K60-IV series multi gas detectors, K800 series fixed gas transmitters, K500 series wall-mounted gas detectors, K1000 series gas detector control panel units, KL99 series air breathing apparatuses, etc.
- Nanjing Kelisaik is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.



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