

3L Cylinder Eebd Escape Breathing Device 30 MPa For Firefighting Rescue

Our Product Introduction

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Basic Information

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



Product Specification

- Model NO.: KL99-EEBD
- 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



More Images



Product Description

3L cylinder EEBD emergency air breathing apparatus for firefighting rescue

>>> EEBD Inspection Standard

>> 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



cylinder valve. It displays the real-time 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.

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.

>>> Application

The EEBD may to 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

- (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.

>>> Company Information



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.

Nanjing KELISAIKE is one of the largest safety equipment manufactures, possessing the most complete production range and specifications in the safety equipment industry of mainland China.

Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan.

Core products and services are portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus etc.

Also Nanjing KELISAIKE is an experienced factory for OEM service, providing professional design and construction of the customize products. The products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

>>> Our Services

- 1.The inquiry and question will be replied within12hours
- 2.High quality with competitive price
- 3.Good after sales service
- 4.Accept OEM
- 5.One of the most professional safety equipment manufacture with a very good and trained team

>> Our Exhibition



>>> FAQ

1.How about the Delivery time?

Samples will be prepared within 5 Days after 100% T/T in advance payment. QTY order will be delivered in 20days.

2.What kind of payments does jenor support?

T/T, L/C, Western Union, Paypal & Cash are accepted.

3.What's the MOQ?

Generally speaking, the MOQ is 10PCS, but we also can provide you samples for quality inspection.

4.Do you charge for the samples?

According to our company policy,we just charge the samples based on EXW price.and we will return the samples fee during the next qty order.

5.Can you produce according to customers' design?

Suce, we are professional manufacturer and OEM services is welcome!

>> Product Application Show



- The company's products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas supply, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.



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