



## 45 Mins 6.8L Positive Pressure Breathing Apparatus Self Contained Scba

### Our Product Introduction

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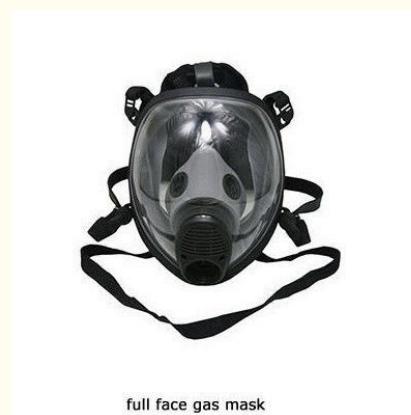
#### Basic Information

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

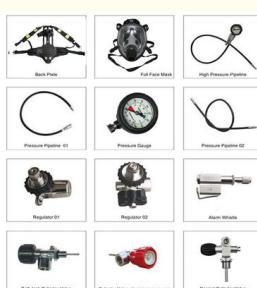


#### Product Specification

- Model NO.: KL99
- Standard: Q/KJ015-2002
- Hydrostatic Pressure(MPa): 45
- Working Pressure(MPa): 30
- Gas: Compressed Air
- Gas Cylinder Volume(L): 2L,3L,4.7L,6.8L,9L
- Max Low(L/Min): 300
- Inhalation Resistance(PA): <588
- Exhalation Resistance(PA): <687
- Equips: 6.8L Carbon Fiber Cylinder
- Service Time: More Than 60mins At 30L/Min
- Transport Package: Carton/Set
- Specification: 76.5\*28.5\*52
- Trademark: KELISAIKE
- Origin: Nanjing China



#### More Images



### Product Description

#### 45 mins 6.8 L Tank Self-Contained Air Breathing Apparatus SCBA Units for Fire Fighting Use



This positive pressure air breathing apparatuses are self-contained open breathing apparatuses. This series of products, which are ideal personal breathing protectors for the fireman and emergency rescuer, are widely used in such sectors as firefighting, chemical industry, shipping, petroleum, smelting, electricity, warehouse, lab, mine, for the firemen and emergency rescuers to perform effectually rescue and relief work under the conditions of heavy smoke, poison gas, steam and hypoxia, etc.

##### >>>Technical Character

Type: KL99 composite cylinder

Material: Carbon fiber composites

Hydrostatic pressure(Mpa): 45

Working pressure(Mpa): 30

Gas: Compressed air

Gas cylinder volume(L):

2L,3L,4.7L,6.8L,9L

Max low(L/min): 300

Inhalation resistance(Pa):<588

Exhalation resistance(Pa):<687

Alarm pressure(Mpa): 4~6

Alarm(dB):≥90

##### KL99 Carbon Fiber Composite Cylinder

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
KL99-C3	4.7	137	M18*1.5	30	3	492
KL99-C4	6.8	157	M18*1.5	30	3.9	530
KL99-C5	9	175	M18*1.5	30	5.3	560

1. 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 the surface for a long time.
- (2) Fit for people's face, comfortable donning and good leak tightness.
- (3) Plug-in structure to quick connect with a demand valve.
- (4) Leak tight mask is made of high-quality flame-resistant silicon rubber, the oronasal cover uses 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.

## 2. KL99-A02 backboard

It is designed according to ergonomics to fit different users. The main body's weight is only 0.685kg. The tortuosity can be above 90 degrees. It is made from a high strength material, which is chemical, high temperature and impact resistant.

## 3. KL99-A03 warning whistle and pressure gauge



The pressure gauge is specified by scale ranged between(0-40)MPa, it is connected with the Reducer through a high-pressure hose. The dial plate is made of fluorescent material, which enables the user to read the figure in the darkness.

The gauge surface is made of shock-resistant material, protected by a rubber cover, and is waterproof, quakeproof, and dustproof.

The alarming device is designed on the high-pressure hose close to the pressure indicator. When cylinder pressure is below (5.5+ 0.5) MPa, the alarming whistle will sound alarming at above 90d B(A).

4. KL99-A04 backpack



The backplate assembly consists of a backplate, shoulder strap, waist belt, buckle, pressure reducer holder and cylinder fastener. The backplate is designed according to ergonomics, complying with the back shape of the human body, making the wearer more comfortable with a larger interface. It is injection moulded by flame-resistant engineering plastics and carbon fibre, it is of high intensity and shock-resistance to protect from being damaged, while weight is only 0.68kg. Shoulder straps and belt are made of Nomex or KEVLAR, tear-resistant and flame-retardant. And they together distribute the weight of the apparatus effectively. Pressure reducer which is fixed by driftbolt on the backplate can be replaced easily.

5. KL99-A05 air supply valve



- (1) Demand valve, with small size, can be inserted mask in 360° promptly. Gas supply is above 500L/min.
- (2) Streamlined and elegant design, do not obstruct the 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

#### 6. KL99-A06 decompressor



**KL99-A05**  
air supply valve



**KL99-A07**  
cylinder and cylinder valve



**KL99-A06**  
decompressor



**KL99-A08**  
multifunctional fast join valve

The pressure reducer core adopts advanced technology with a design life of 15 years. The unique maximum gas supply is above 1000L/min, ensuring the user's enough respiratory volume.

The main parts that connected with the reducer:

Single or double cylinder

The medium pressure hose whose function is to supply air to the demand valve

The high-pressure hose connected with the pressure indicator

#### 7. Gas cylinder and cylinder valve

Y shape design, with a 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 the cylinder due to inner high pressure.

#### 8. Multifunctional fast joint valve

Stainless steel, strong and durable. Traceless design, safe and reliable.

#### 9. The configuration can be 2L/3L/4.7L/6.8L/9L



Carbon fibre cylinder has the advantages of high strength, lightweight, corrosion-resistant and anti-shocking.

Carbon fibre composite cylinder, the interlayer is made of high-intensity aluminium alloy fully wrapped with carbon fibre composite. The glass fibre surface screw is M18\*1.5.

#### >>> Our Services

1. The inquiry and question will be replied within 12 hours
2. High quality with competitive price
3. Good after-sales service
4. Accept OEM
5. One of the most professional safety equipment manufacturer with a very good and trained team

#### >>> Company Information

Nanjing KELISAIKE is one of the largest safety equipment manufacturers, possessing the most complete product 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 centres, with total registered capital of 5.16 million Yuan.

Core products and services are a 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 customized 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.



## THE FACTORY

Nanjing KELISAIKE has passed IS9001 International Quality System Certification, which ensures all products' excellent performance and competitive prices.

>>> 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 do you 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?

Sure, we are a professional manufacturer and OEM services are welcome!



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