



## Firefighter SCBA Self Contained Breathing Mask With Reticulated Hood

### Our Product Introduction

#### Basic Information

- Place of Origin: Jiangsu,China
- Brand Name: KELISAIKE
- Model Number: KL99-A01
- Minimum Order Quantity: 1PC
- Price: \$49.00 - \$499.00/sets
- Stock: 1PC
- Supply Ability: 1000 Set/Sets per Year



#### Product Specification

- Material: Silicone
- Mask Material: Flame Resistant Silicon Rubber
- Lens Process: Rigidified And Anti-fog Processed
- Mask Assembly: Flame Resistant Reticulated Hood And Strap
- Sound Transmission Design: High-intensity Sound Transmission Diaphragm
- Port: FOB Nanjing / FOB Shanghai
- Highlight: Reticulated Hood Self Contained Breathing Mask, Firefighter Self Contained Breathing Mask, Firefighter Full Face SCBA Mask



#### More Images



## Our Product Introduction

### Product Description

#### High Quality Safety Firefighter SCBA Mask for Sale

##### Product Description



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### **>>> Overview**

This positive pressure air breathing apparatuses are self-contained open circuit 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 fire firefighting, chemical industry, shipping, petroleum, smelting, electricity, warehouse, lab, mine, for the fireman and emergency rescuers to perform effectively rescue and relief work under the conditions of heavy smoke, poison gas, steam and hypoxia, etc.

#### **1. KL99-A01 full mask**



- Three dimension spherical visor. The visual field could reach 91% with great optics. The lens has been rigidified and antifog processed thus can be without fog on surface for long time.
- Fit for people's face, comfortable donning and good leak tightness.
- Plug-in structure to quick connect with demand valve.
- Leak tight mask is made of high quality flame resistant silicon rubber, oronasal cover use top silicon rubber, soft and high temperature resistant.
- Flame resistant reticulated hood and strap are easy to wear.
- Adopt high-intensity sound transmission diaphragm
- Oronasal guard suitable for wearers, decrease the inhalation carbon dioxide content

**Intelligent electronic pressure gauge device:**

- Power supply: 2pcs AAA battery
- Standby time: more than 1 year(remove the battery when unused for long period)
- Service time: continuously work for 30 hours
- Continuous alarm time: more than 2 hours
- Operating temperature: -30 °C - +70 °C
- Dust-proof, waterproof, drop-proof, explosion-proof
- Exposion-proof grade: Exd II CT4
- Dimension: 94 x 62 x36 mm

**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 degree. 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 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 user to read the figure in darkness.

- The gauge surface is made of shock resistant material, protected by 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 90db B(A).

**4. KL99-A04 backpack**



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

**5. KL99-A05 air supply valve**



- Demand valve, with small size, can be inserted mask in 360° promptly. Gas supply is above 500L/min.
- Streamlined and elegant design, do not obstruct view.
- Manual close valve has small resistance for opening
- Small breathing resistance to make respiration comfortable
- Easy operation and use
- Ensure safe air supply by using manual force air supply button
- Outer shell uses flame resistance high intensity engineering plastics

## 6. KL99-A06 decompressor



The pressure reducer core adopts technology with a design life of 15 years. The unique maximum gas supply is above 1000 L/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 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.

## 8. Malfunctrional fast join valve



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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, light weight, corrosion-resistant and anti-shocking.

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

#### Specification

Item	KL99 Self-contained air breathing apparatus
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 flow(L/min) 300
	Inhalation resistance(Pa) <588
	Exhalation resistance(Pa) <687
	Alarm pressure(Mpa) 4-6
	Alarm(dB) ≥90
	Working Time 2L: 10-15 mins 3L: 15-20 mins 4.7L:30 mins 6.8L:45-60mins 9L: 60-90mins

#### KL99 Carbon Fiber Composite Cylinder

Part No.	Volume(L)	OD(mm)	THK(mm)	W.P(Mpa)	WT(Kg)	L(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
Package:	plastic carry case& carton					
Pcs/ctn:	1pc/ctn					
Payment terms:	T/T					
Warranty	1 year					



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