

## 30MPa Pressure Self Contained Air Respirator Customization For Firefighters

Our Product Introduction

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### Basic Information

- Minimum Order Quantity: 1PC
- Price: \$300-\$500
- Stock: 1PC



### Product Specification

- Model NO.: KI99
- Warranty: 1 Year
- Certificate: CE: En 136, En137
- Transport Package: Orange Plastic Carton
- Specification: 75x47.5x31cm
- Trademark: KELISAIKE
- Origin: Nanjing, Jiangsu, China
- HS Code: 9020000000
- Supply Ability: 1000sets Per Month
- Volume Of Cylinder: 2L, 3L, 4.7L, 6.8L, 9L
- Cylinder Material: Carbon Fiber Composites
- Working Pressure: 30MPa
- Gas: Compressed Air
- Service Time: 6.8L For 60 Mins
- Weight: 9 Kgs(Not Including Air)



### More Images



## Product Description

# Self Contained Breathing Apparatus SCBA Firefighters Breathing Equipment

## >> Product Detail

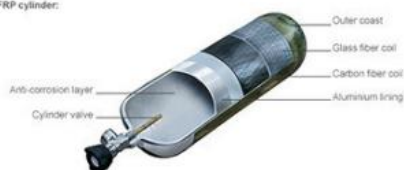
### KL99-SCBA



**CE/ MED approved, meeting  
EN137, EN136 standards.**

**Air Cylinders:** More robust and safer four-layer composite structure design; aluminum alloy inner bladder; carbon fiber; glass fiber; epoxy resin

Design of a CFRP cylinder:



**Reduced Pressure Assembly:**  
Stable output pressure of the compressor. Despite featuring a small volume carbon fiber tank, the high pressure air in the tank can be quickly converted to standard low pressure breathable air.

**Full Mask:** Plug-in structure for quick connection with the demand valve; Leak tight mask, made of high quality flame resistant silicon rubber; Top silicon rubber oronasal cover, soft and high temperature resistant; Flame resistant reticulated hood and strap, easy to wear; High-intensity sound transmission diaphragm.



- **Back Plate Assembly** Consisting of a back plate, shoulder straps, a waist belt, a buckle, a pressure reducer holder and a cylinder fastener. Designed according to ergonomics, complying with the back shape of 5. human body.
- **Injection moulded**, with flame resistant engineering plastics and carbon fiber. The shoulder straps and belt are made of Nomex or KEVLAR, tear-resistant and flame-retardant.



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 fire fighting, 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.

### >>> Specification

|                                   |                         |  |
|-----------------------------------|-------------------------|--|
| <b>Volume of the gas cylinder</b> | 6.8L/9L                 |  |
| <b>Cylinder material</b>          | Carbon fiber composites |  |
| <b>Service time</b>               | ≥60mins at 30L/min      |  |
| <b>Working pressure</b>           | 30MPa                   |  |
| <b>Hydrostatic pressure</b>       | 45MPa                   |  |
| <b>Overall weight</b>             | 9kg(air not included)   |  |
| <b>Gas</b>                        | Compressed air          |  |
| <b>Standard</b>                   | CE: EN137               |  |

| Type                          | KL99-6.8L/30 | KL99-9L/30 |
|-------------------------------|--------------|------------|
| Working pressure(MPa)         | 30           | 30         |
| Volume of the gas cylinder(L) | 6.8          | 9          |
| Max flow(L/min)               | 300          | 300        |
| Inhalation resistance(Pa)     | <588         | <588       |
| Exhalation resistance(Pa)     | <687         | <687       |
| Alarm pressure(MPa)           | 4-6          | 4-6        |
| Service time(min)             | 60           | 90         |
| Overall weight(kg)            | 9            | ≤11        |
| Alarm voice                   | ≥90dB        | ≥90dB      |

A set fire works firing equipment contain with parts as following:

#### 1. KL99-A01 full mask

The full mask is adaptable to fit all different shapes of faces. It is made of flame-retarded silicone, safe and comfortable to wear. It is also antifog designed. It allows for a wide field of vision. And the visor is made of a high impact scratch resistant material, which prolongs its life by 3-4 times.

#### 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 warning whistle is integrated with pressure gauge and located on the chest after donning. It will give a continuous 90dB alarm to make sure the user can hear it under noisy environment.

The pressure gauge is waterproof and shockproof designed, and it can be read in the darkness.

#### 4. KL99-A04 backpack

Flexible backpack, equipped with comfortable and detachable tournure, makes waist and shoulders no oppressive feeling. 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.

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

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

#### 6. KL99-A06 decompressor

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

#### 7. Gas cylinder and cylinder valve

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

Y-shape self-locking cylinder valve effectively avoid opening the valve caused by accidental collision or misoperation.

#### 8. Multifunctional fast join 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, internal is made of corrosion-resistant aluminum alloy, and the middle layer is carbon fibre. The glass fiber surface screw is M18\*1.5.

# PACKAGING & DELIVERY

## Delivery Time

7-10 days after payment



packing interior:  
good quality plastic case

Dim:76\*28\*52mm  
G.W:27KG



## 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.

## >> Our Certificates



We have obtained CE, ISO and other international certificates for different market requirements.



**Nanjing Kelisaik Safety Equipment Co., Ltd.**

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