



KL99 SCBA Self-Contained Breathing Apparatus with Carbon Fiber Composites 30MPa Working Pressure and 60 Mins Service Time

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: KELISAIKE
- Certification: EN137:2006
- Model Number: KL99-SCBA
- Minimum Order Quantity: 1 Set (MOQ)
- Price: US\$350.00-920.00
- Packaging Details: Carton
- Delivery Time: 7 work days
- Shipping Method: LCL, AIR, FCL, Express, Negotiation
- Description: New Self-Contained Breathing Apparatus for Firefighter Protective



Product Specification

- Model NO.: KL99
- Customization: Available
- Approvals: EN137:2006, EN136:1998
- Cylinder Material: Carbon Fiber Composites
- Gas Cylinder Volume (L): 6.8L, 9L
- Service Time: 6.8L For 60 Mins
- Working Pressure: 30MPa
- Specification: 75x47.5x31cm
- Highlight: Carbon Fiber Composites SCBA, 30MPa Working Pressure Self-Contained Breathing Apparatus, 60 Mins Service Time Air Breathing Apparatus



More Images



Product Description

KL99 SCBA Positive Pressure Breathing Apparatus

The KL99 series positive pressure air breathing apparatus is a self-contained open-circuit breathing apparatus. As an ideal personal breathing protector for firefighters and emergency rescuers, it is widely used in fire fighting, chemical industry, shipping, petroleum, smelting, electricity, warehouse, laboratory, and mining sectors to perform efficient rescue and relief work under conditions of heavy smoke, poisonous gas, steam, low oxygen, and other hazardous environments.



Technical Specifications

Our Product Introduction

General Specifications

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

Model Comparison

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

Carbon Fiber Composite Cylinder Specifications

Part No.	Volume (L)	OD (mm)	L (mm)	Gas Capacity (L)	Wall Thickness (mm)	Complete Set N.W (KG)
KL99-C1-88-2.0-30-T	2	96	433	544	≥2.0mm	1.5
KL99-C2-105-3.0-30-T	3	114	446	817	≥2.0mm	2.1
KL99-C3-125-4.7-30-T	4.7	137	492	1275	≥2.0mm	3
KL99-C4-144-6.8-30-T	6.8	157	528	1835	≥1.8mm	3.8
KL99-C5-162-9.0-30-T	9	174	550	2530	≥2.0mm	4.9

Component Parts



KL99-A01 Full Mask

- Silicone mask body
- Permanent double anti-fogging
- Wide field of vision, reaches above 91%
- Scratch and abrasion resistant lens
- Kevlar head net
- Equipped with speaking diaphragm
- Inhalation resistance <5 bar
- Exhalation resistance <10 bar

KL99-A03 Warning Whistle and Pressure Gauge

- Alarm pressure: 55+5 bar
- Alarm sound: >90dB
- With whole rubber bumpers to reduce vibration to the gauge and alarm

KL99-A04 Backpack

- Back plate assembly includes back plate, shoulder strap, waist belt, buckle, pressure reducer holder and cylinder fastener
- Ergonomically designed back plate conforms to human body shape for comfort
- Injection molded from flame-resistant engineering plastics and carbon fiber
- High intensity and shock-resistance with weight of only 0.68kg
- Shoulder straps and belt made of Nomex or KEVLAR, tear-resistant and flame-retardant

- Effectively distributes apparatus weight
- Pressure reducer easily replaceable with drift bolt mounting

KL99-A05 Air Supply Valve

- Maximum supply flow rate higher than 500L/min maintaining positive pressure in mask
- Intake gauze for safer breathing
- 360 degree quick joint for fast and automatic air supply
- Emergency gas supply button, throttle-switch and automatic suction structure
- Hand-held, compact and lightweight with good downward vision
- Blue rubber bumpers for scratch and drop resistance

KL99-A06 Decompressor

- Pressure reducer core with advanced technology and 15-year design life
- Unique maximum gas supply above 1000L/min ensuring adequate respiratory volume
- Connects to single or double cylinder
- Medium pressure hose supplies air to demand valve
- High pressure hose connects to pressure indicator

Gas Cylinder and Cylinder Valve

- Carbon fiber gas cylinder: high strength, lightweight, corrosion resistant
- Y-shape design with safe self-lock device to prevent inadvertent closure
- Counterclockwise rotation opens valve, clockwise closes
- Safety diaphragm with explosion pressure at 37-45MPa
- Prevents cylinder deformation and explosion from internal high pressure

Multifunctional Fast Join Valve

- Stainless steel construction
- Strong and durable
- Traceless design, safe and reliable

Configuration Options

- Available in 2L, 3L, 4.7L, 6.8L, and 9L capacities
- Inner liner made of high-strength corrosion-resistant aluminum alloy
- Middle layer carbon fiber wound
- Bottle mouth thread wrapped with glass fiber (M18*1.5)



Certifications

<p>Module B EU Type-Examination Certificate For the requirements of Personal Protective Equipment Regulation (EU) 2016/425 Certificate No. 2016-010000-001-004</p> <p>Applicant: Ningbo Safety Supply Equipment Co., Ltd. Address: No. 12, Zhongyuan Road, Ningbo City, Zhejiang Province, 315000, China</p> <p>Product: Self-contained open-circuit breathing apparatus (SCBA) with demand valve</p> <p>Model reference: KL99-A05</p> <p>Issue date: 2016-11-02 Expiry date: 2021-11-02</p> <p>CCCB Certification Services Limited</p>	<p>Module B EU Type-Examination Certificate Annex For the requirements of Personal Protective Equipment Regulation (EU) 2016/425 Certificate No. 2016-010000-001-004</p> <p>Model reference: KL99-A06</p> <p>Product description: Pressure reducer</p> <p>Technical details: KL99-A06</p> <p>Issue date: 2016-11-02 Expiry date: 2021-11-02</p> <p>CCCB Certification Services Limited</p>	<p>Module B EU Type-Examination Certificate For the requirements of Personal Protective Equipment Regulation (EU) 2016/425 Certificate No. 2016-010000-001-005</p> <p>Applicant: Ningbo Safety Supply Equipment Co., Ltd. Address: No. 12, Zhongyuan Road, Ningbo City, Zhejiang Province, 315000, China</p> <p>Product: Self-contained open-circuit breathing apparatus (SCBA) with demand valve</p> <p>Model reference: KL99-A05</p> <p>Issue date: 2016-11-02 Expiry date: 2021-11-02</p> <p>CCCB Certification Services Limited</p>
SCBA-EN137:2006	SCBA-EN137:2006	Mask-EN136:1998

Packaging



Company Information



COMPANY APPEARANCE

THE OFFICE MEETING



WORKSHOP INSTRUMENT



Nanjing Kelisaike Safety Equipment Co., Ltd., founded in 2004, operates three subsidiaries in Beijing, Xi'an and Xinjiang province, with 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, and more. Nanjing Kelisaike also provides professional OEM services with extensive experience in custom product design and manufacturing.

Manufacturing Workshop



THE WORKSHOP

Nanjing KELISAIKE has passed ISO9001 International Quality System Certification, which ensures all products' excellent performance and competitive prices.



Our Exhibition



Our Services

1-year warranty with lifetime maintenance for all products

All inquiries responded to within 24 hours

Technical support from professional engineers specialized in gas monitoring solutions

OEM and ODM services available

Factory located in Nanjing, easily accessible from Shanghai via high-speed train

All products thoroughly tested and inspected before shipment with certificate of inspection provided

Frequently Asked Questions

Q: Do you provide customization?

A: Yes, we offer customization including gas type, gas detection range, gas alarm point, and other specifications. Please contact us with your detailed requirements.

Q: Can I order one sample for quality testing?

A: Yes, we recommend checking the sample before placing your order.

Q: What pricing is available for large quantity orders?

A: Please send us your detailed enquiry including item number, quantity, quality requirements, logo specifications, payment terms, transport method, and discharge place. We will provide an accurate quotation promptly.

Q: What is the delivery time?

A: Samples are prepared within 15 days after 100% T/T advance payment. Quantity orders are delivered within 30 days.



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