



6.8L Scba Portable Breathing Apparatus Equipment with Carbon Fibre Cylinder

Our Product Introduction

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Basic Information

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



Product Specification

- Model NO.: KL99-SCBA
- Gas Cylinder Volume(L): 6.8L/9L
- Cylinder Material: Carbon Fibre
- Service Time: Approx.60 Mins(30L/Min For Breathing)
- Usage: Emergency Escape Breathing
- Carry: Portable, Can Be Carried By Shoulders
- Working Pressure: 30 MPa
- Max Flow: 300 L/Min
- Weight: 10 Kg
- Warranty: 1 Year
- Inhalation Pressure: Less Than 588 MPa
- Exhalation Pressure: Less Than 687 MPa
- Hydrostatic Pressure: 45 MPa
- Packing: Orange PVC Case
- Mask: Standard Mask/ Mask With Hud/ Five-Point



More Images



Product Description

Factory Direct Sale 9L Scba Portable Breathing Apparatus for Rescue

KL99 Self-contained Open-circuit Positive Pressure Air Breathing Apparatus (SCBA)



The self-contained positive pressure air breathing apparatus of KL99 series, which is a kind of isolated protective breathing equipment, provides respiratory protection for users working in oxygen-deficient environment or the environment with toxic and harmful gas. Under normal conditions, the pressure in the respirator mask is a little higher than the pressure in external environment, which can effectively prevent external toxic and harmful gas from intruding into the mask, and guarantee the safety of users.

The product can widely apply to such industries as fire fighting, petroleum, chemistry, metallurgy, power, shipping, military and army, public security, etc.

The air cylinder can be 3L/4.7L/6.8L/9L-carbon fiber composite air cylinder or 6L-steel cylinder (for ship use).

A complete set contain with parts as following:

1. KL99-A01 Full mask



- 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.
- 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.

2. KL99-A02 Audible warning device 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 user to read the figure in darkness.
- The gauge surface is made of shock resistant material, protected by rubber cover, and is waterproof, quake-proof, and dust-proof.
- The alarming device is designed on the high pressure hose close to the pressure indicator. When cylinder pressure is below (5.5 ± 0.5) M Pa, the alarming whistle will sound alarming at above 90d B(A).



3. KL99-A03 Back plate assembly



Back 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 wearers 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 0.68kg. 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 drift bolt on back plate can be replaced easily.

4. KL99-A04 Demand 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



5. KL99-A05 Pressure reducer

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



6. Cylinder valve

- Y shape design, with safe self lock device to prevent inadvertent close due to hard knock or incorrect operation. Unscrew the switch hand-wheel 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.



7. Multifunctional quick-release buckle

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

8. Composite cylinder will 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 fiber surface screw is M18*1.5.



9. The 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 30hours
- Continuous alarm time: more than 2hours
- Operating temperature: - 30 °C ~ + 70°C
- Dust-proof, waterproof, drop-proof, explosion-proof
- Explosion-proof grade: Exd II CT4
- Dimension:94x62x36mm

10. Head-up pressure display device

- Power supply:CR2 lithium battery
- standby time: more than 1 year(remove the battery when unused for long period)
- service time: continuously work for more than 200 hours
- Operating temperature: - 30 °C ~ + 70°C
- Grade of Protection:IP67
- Explosion-proof grade: Exd II CT4
- Weight:40g

11. HBCS Skull Communication System



- It comprises microphone, horn, loudspeaker, talk-listen button, connecting wire and receiver
- The sending/receiving communication system and horn are installed inside the helmet; the transceiver is installed at the top of the helmet and the horn is installed at ear position.
- When it is used, the head will have small vibration when talking. The requirements of interphone dialog for loudness can be met through amplification and filtration, and the communication effect can be guaranteed even under a complex environment.
- Flame retardant and high temperature resistant alloy material is used, which ensure good impact resistance and that it can be used safely under various severe environments.
- It can be used with interphones of different types. The operation is simple and it is unnecessary for training.

• Technical Specification

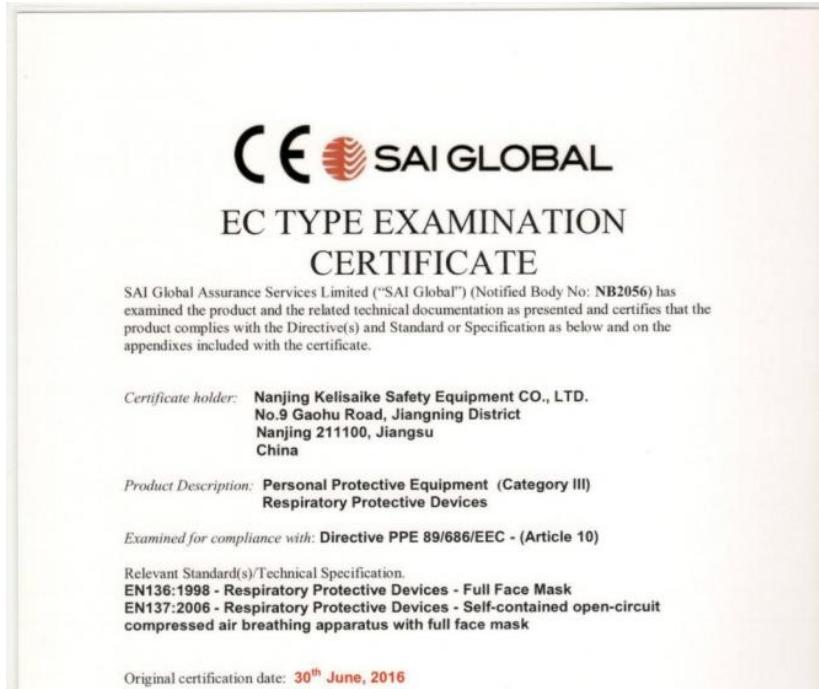
Vol.	W.P of air cylinder	Max. air supply flow	Respiratory resistance		Alarm pressure	Net Weight	Service time for ref.
			Exhalation	Inhalation			
2.0L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	1.5KG	15min
3.0L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	2.1KG	25min
4.7L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	3.0KG	45min
6.8L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	3.8KG	60min
9.0L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	4.9KG	90min
12L	≤30MPa	≥1000L/min	≤1000Pa	≤500Pa	5.5±0.5M Pa	7.4KG	125min

- Note: The service time is calculated based on medium work intensity (respiratory capacity: 30 L/min).

>>>Related Product

	Category	Search Name on MIC
1	EEBD	Emergency Escape Personal Portable Air Respirator with Hood or Mask
2	Dust Meter	Factory Customized Dust Concentration Meter Smoke Monitoring Analyzer
3	Portable Single Gas Detector	3V Lithium Battery Handheld Operated Sensor Ozone Gas Leak Detector

>>>Certificate





Heather Mahon
Acting Head of Policy, Risk & Certification
Authorized Signatory

This certificate remains the property of SAI Global and has been issued in accordance with the CE Scheme Conditions and Procedures of the SAI Global Assurance Services Ltd, Partis House, Ground Floor, Davy Avenue, Knowhill, Milton Keynes, MK5 8HJ, United Kingdom. Notified Body: 2056

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R-CES-13-1k Issue #05, March 2016



ARTICLE 11B Directive PPE 89/686/EEC CERTIFICATE

SAI Global Assurance Services Limited ("SAI Global") (Notified Body No: NB2056) confirm that the Management System of **Nanjing Kelisaike Safety Equipment CO., LTD.** complies with the requirements of Article 11b of the Directive PPE 89/686/EEC.

Certificate holder: Nanjing Kelisaike Safety Equipment CO., LTD.

Scope: Manufacturing processes - Personal Protective Equipment
Respiratory Protective Device

Relevant Standards:

EN136:1998 - Respiratory Protective Devices - Full Face Mask
EN137:2006 - Respiratory Protective Devices - Self-contained open-circuit compressed air breathing apparatus with full face mask

Manufacturing sites/facilities covered by this certificate are:

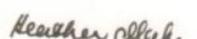
Nanjing Kelisaike Safety Equipment CO., LTD.
No.9 Gaohu Road, Jiangning District
Nanjing 211100, Jiangsu
China

Technical file Reference No: CEC40220-CR28573

Original certification date: 30th June, 2016

Date of issue: 30th June, 2016 Expiry date: 29th June, 2021

Certificate No: CEC40220/11b



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APPENDIX 1

SAI Global Assurance Services Limited ("SAI Global") (Notified Body No: NB2056) has examined the product and the related technical documentation as presented and certifies that the product complies with the Directive(s) and Standard or Specification as below.

Product Description: Respiratory Protective Devices (Category III)

Model	Description
YLBHK	Full Face Mask – Class 3 with net head harness
KL99	Self-contained open-circuit compressed air breathing apparatus (SCBA) Type 2 for firefighting use, with 6.8L/ 9.0L composite cylinder, incorporating full face mask YLBHK

Examined for compliance with: Directive PPE 89/686/EEC (Article 10)

Relevant Standard(s)/Technical Specification:
EN136:1998 - Respiratory Protective Devices - Full Face Mask

EN137:2006 - Respiratory Protective Devices - Self-contained open-circuit compressed air breathing apparatus with full face mask

Technical file Reference No: CEC40220 – CR28573

Original date of issue: 30th June, 2016

Date of issue: 30th June, 2016

Certificate No: CEC40220A1

Heather Mahon

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Authorized Signatory

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>>>Company



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.

It was founded in 2004, including three subsidiaries in Beijing, Xi'an and Sinkiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan. Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit and air breathing apparatus etc.

Except the above, it also have 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.

It is the leader enterprise of the science and technology, persisting in creating core competencies by the core technology. In the company, there is one professional and technical talent team who masters core technology, including more than 10 senior technicians and masters.

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

Staff consist of the company. Everyone is the inseparable part of the team. We are one, and only have one mind—best service for you.

KELISAIKE Faith
People-oriented and technology-innovated

KELISAIKE Principle
Quality first, integrity-based

>>>FAQ

Q: Are you a manufacturer?

A: Sure. We are the professional safety equipment manufacturer and have the experience of produce and market over 12 years in this field.

Q: Are you provide customization?

A: Sure. It includes gas type, gas detection range, gas alarm point etc. Please contact us about the detailed specifications.

Q: Could I order one piece sample for the quality test? And do you charge for the samples?

A: Sure. We recommend to check the sample before order. According to our company policy, we just charge the samples based on EXW price.

Q: If I order big quantity, what's the good price?

A: Please send the details enquiry to us, such as the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. We will make the accurate quotation to you as soon as possible.

Q:How about the Delivery time?

A: Samples will be prepared within 15 Days after 100% T/T in advance payment. QTY order will be delivered in 30 days.

Q:What kind of payments does KELISAIKE support?

A: T/T, L/C, Western Union, Cash all are accepted.

Q:What's the MOQ?

A: The MOQ is 1 PC. Please never mind the quantity.

>>>Our Services

1. For all our products, we offer a 1 year warranty and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. We will provide technical support; our engineers will help to solve the problems you met.
4. We can provide OEM and ODM service.
5. Our factory is located in Nanjing. Welcome to visit our factory.
6. All products will be fully checked and well packed before shipment, and qualification certificate will be provided.

>>>Why choose KELISAIKE?

1. Mutual benefit : We have our own factory .So compared with other competitors ,the price will be more favorable in the same quality.
2. Professional engineers: We have 3 engineers who have experience more than 10 years and more than 5 engineer assistants works on the gas detection line, with Hi-Tech equipment. We offer more accurate and stable products.
3. Customize : We have strong R&D team that can custom product as your request.
4. Free OEM service : (a) Silk-printing your Logo(\geq 100 PCS). (b) Design your color box(\geq 500 PCS).
5. Mix order : We accept mix order, different model and small quantity order.
6. After service:(a) 1 Year warranty. (b) If you found any inferior-quality products from us, we will send new ones to replace for free in your next order after confirmed.



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