



## Handcart Air Respirator with 4 Carbon Fibre Cylinders and 90m Working Radius on SUS304 Stainless Steel Cart

Our Product Introduction

for more products please visit us on [multi-gasdetection.com](http://multi-gasdetection.com)

### Basic Information

- Minimum Order Quantity: 5 Sets (MOQ)
- Price: US\$500.00-1,500.00
- Shipping Method: LCL, AIR, FCL, Express
- Payment Terms: T/T, Western Union, MoneyGram, Paypal



### Product Specification

- Model NO.: KL99-FBCAR
- Standard: Q/Kj015-2002
- Mask Type: Safe-Type
- Mask Shape: Y-Type Design
- Cylinder: Carbon Fiber Gas Cylinder
- Gas: Compressed Air
- Air cylinder Volume: 6.8L, 9L
- Service Time: Not Less Than 60mins At 30L/Min
- Hydrostatic Pressure(MPa): 45
- Working Pressure(MPa): 30
- Inhalation Resistance(PA): <588
- Exhalation Resistance(PA): <687
- Specification: 76.5\*28.5\*52
- Transport Package: Carton
- Trademark: KELISAIKE



### More Images



## Product Description

### Fbcar Handcart Air Respirator with 4 Carbon Fibre Cylinders



The movable long-tube positive pressure air breathing apparatus is safe, reliable breathing protection equipment that is easy to maintain and designed for extended use. This breathing equipment model allows cylinder replacement without interrupting operation, enabling continuous work.

Featuring a compact design, simple operation, and portable cart structure, operators don't need to carry heavy backup equipment or air cylinders. This lightweight, easily movable system is particularly suitable for extended maintenance, inspection, cleanup, painting, and smelting work in confined spaces with thick smoke, toxic gases, or oxygen-deficient environments such as oil tanks or engine rooms. Commonly used in petrochemical, aerospace, underground coal mining, nuclear plants, chemical plants, painting, metallurgical industries, firefighting, and underground pipeline applications.

#### Key Features

- Unique brake device for stable and reliable operation
- Applicable in narrow, confined spaces or heavily polluted, oxygen-deficient environments
- Supplies air for 2 or 4 users simultaneously
- Timely air supply replacement without affecting normal operation, effectively saving time
- Up to 90m working radius
- SUS304 stainless steel cart body
- Individual quickly replaceable cylinders with no impact on air supply

#### Configuration

- 2 or 4 carbon fibre cylinders (optional 4.7L, 6.8L, 9L cylinders)
- Supplies air for 2 users simultaneously, ensuring extended operation
- Timely cylinder replacement without work interruption, effectively saving time
- Standard configuration includes one 40m main hose and two 10m branch hoses
- Total hose length extendable to 90m with smooth air supply and user comfort
- Flexible high-pressure hose connections prevent accidents and joint damage
- Large-flow output decompressor valve ensures sufficient breathing air flow
- Stainless steel cart with excellent anti-corrosion properties
- Unique stainless steel footbrake stops device on 30° gradient surfaces

#### Assembly Parts

Stainless steel cart, carbon fibre cylinders, air supply hoses, decompressors, air supply valves, full masks, etc.

#### Technical Specifications

Performance Index	4-Cylinder Device	2-Cylinder Device
<b>Cylinder</b>		
Material	Carbon fiber cylinder	Carbon fiber cylinder
Water capacity	6.8L	6.8L
Working pressure	30MPa	30MPa
Quantity	4	2
<b>Decompression Valve</b>		
Input pressure	≤30MPa	≤30MPa
Output pressure	About 0.7 MPa	About 0.7 MPa
Maximum output flow	≥1000L/min	≥1000L/min
<b>Safety Valve</b>		
Opening pressure	1.1-1.7MPa	1.1-1.7MPa
<b>Alarm</b>		
Alarm pressure	5.5±0.5MPa	5.5±0.5MPa
<b>Regulator</b>		
Maximum dynamic inhalation pressure	500Pa	500Pa
<b>Medium-pressure hose</b>		
Length	Standard: 50m; ≤90m maximum	Standard: 50m; ≤90m maximum
<b>Packing measurement</b>		
External dimension (L*W*H, mm)	900*1000*520	900*970*520
Weight	81.2kg	71.5kg

#### KL99 Carbon Fiber Composite Cylinder Specifications

Part No.	Volume (L)	Outside Diameter (mm)	Thread (mm)	Working pressure (MPa)	Weight (Kg)	Length (mm)
KL99-C4	6.8	157	M18*1.5	30	3.9	530
KL99-C5	9.0	175	M18*1.5	30	5.3	560

#### Company Information

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## COMPANY APPEARANCE

## THE OFFICE MEETING



## WORKSHOP INSTRUMENT



Nanjing Kelisaik Safety Equipment Co., Ltd. founded in 2004, with three subsidiaries in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.

Standard products include 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 provides professional OEM service with extensive experience in custom product design and manufacturing.

## Our Certificates



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

## Workshop



## THE WORKSHOP

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



## Our Exhibition



## Why Choose KELISAIKE

- 1-year warranty and lifetime maintenance for all customers
- 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, just 1 hour by high-speed train from Shanghai - welcome to visit
- All products thoroughly tested and packed before shipment with inspection certificates provided

## Frequently Asked Questions

**Q: Are you provide customization?**

A: Of course. Customization includes gas type, detection range, alarm points, etc. Please contact us with detailed specifications.

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

A: Sure. We recommend checking samples before ordering. According to company policy, we charge for samples based on EXW price.

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

A: Please send detailed enquiries including item numbers, quantities, quality requirements, logo specifications, payment terms, transport method, and discharge place. We will provide accurate quotations promptly.

**Q: How about the Delivery time?**

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

**Q: May I have your catalogue and price list for trial order in MOQ quantity?**

A: All products are shown on Made in China. Please review our site and select interested models, or contact us via email.





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