



## Fbcar 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 a safe and reliable respiratory protection system designed for extended use with easy maintenance. This breathing equipment allows cylinder replacement without interrupting operation, enabling continuous work cycles.

Featuring a compact design and easy operation, this portable cart system eliminates the need for operators to carry heavy backup equipment and air cylinders. Its lightweight, mobile construction makes it particularly suitable for extended maintenance, inspection, cleanup, painting, and smelting work in confined spaces with smoke, toxic gases, or oxygen-deficient environments such as oil tanks and engine rooms. Applications include petrochemical industry, aerospace, underground coal mining, nuclear plants, chemical plants, painting industry, metallurgical industry, fire fighting, and underground pipeline systems.

#### Key Features

- Unique brake device for stable and reliable operation
- Applicable in narrow, confined spaces and oxygen-deficient environments
- Simultaneous air supply for 2 or 4 users
- Timely cylinder replacement without operational interruption
- Up to 90m working radius
- SUS304 stainless steel cart body
- Individual quick-replace cylinders without affecting air supply

#### Configuration

- 2 or 4 carbon fibre cylinders (optional 4.7L, 6.8L, 9L capacities)
- Dual-user simultaneous air supply for extended operation
- Timely cylinder replacement capability
- Standard configuration includes one 40m main hose and two 10m branch hoses
- Extendable medium pressure hose up to 90m total length
- Flexible high-pressure hose connections for accident prevention
- Large-flow output decompressor valve for sufficient breathing air
- Corrosion-resistant stainless steel cart construction
- Unique stainless steel footbrake for 30° gradient stability

#### Assembly Components

Stainless steel cart, carbon fibre cylinders, air supply hoses, decompressors, air supply valves, full masks, and related accessories.

#### Technical Specifications

Performance Index	4-Cylinder Device	2-Cylinder Device
Cylinder Material	Carbon fiber cylinder	Carbon fiber cylinder
Water Capacity	6.8L	6.8L
Working Pressure	30MPa	30MPa
Quantity	4	2
Decompression Valve Input Pressure	≤30MPa	≤30MPa
Decompression Valve Output Pressure	About 0.7 MPa	About 0.7 MPa
Maximum Output Flow	≥1000L/min	≥1000L/min
Safety Valve Opening Pressure	1.1-1.7MPa	1.1-1.7MPa
Alarm Pressure	5.5±0.5MPa	5.5±0.5MPa
Maximum Dynamic Inhalation Pressure	500Pa	500Pa
Medium-pressure Hose Length	Standard: 50m; Maximum: ≤90m	Standard: 50m; Maximum: ≤90m
Packing Dimensions (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



#### 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 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, and KL99 series air breathing apparatuses. The company also provides professional OEM services with extensive experience in custom product design and manufacturing.

## Our Certificates



We hold CE, ISO, and other international certifications to meet diverse market requirements.

## Workshop



### THE WORKSHOP

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

## Our Exhibition



## Why Choose KELISAIKE

1-year warranty with lifetime maintenance for all customers

24-hour response time for all inquiries  
Technical support from specialized engineers for gas monitoring solutions  
OEM and ODM services available  
Convenient Nanjing location, 1 hour from Shanghai by high-speed train  
Comprehensive product testing with inspection certificates provided

## Frequently Asked Questions

---

**Q: Do you provide customization?**

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

**Q: Can I order one sample for quality testing? Do you charge for samples?**

A: Yes, we recommend sample testing before ordering. Samples are charged based on EXW price according to company policy.

**Q: What pricing is available for large quantity orders?**

A: Please provide detailed requirements including item numbers, quantities, quality specifications, logo needs, payment terms, and shipping details for accurate quotation.

**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.

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

A: All products are displayed on Made in China. Please review our site for interested models or contact us via email.



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



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

Bldg 12, 2 Qingshuiting West Road, Nanjing, Jiangsu, China, 211102