

## ▶ Product Overview

- The Breathing Apparatus is an isolated respiratory protective equipment. It's used for the users to enter oxygen-deficient and toxic working environment, particularly at fire sites.
- The product is CE certified and offers many additional configurable options, which can meet customers with different needs.



## ▶ Basic Components



### Full Face Mask

- Kelvar headnet, rubber optional.
- Permanent double anti fogging.
- Scratch and abrasion resistant lens.
- The spherical view provides a wide field of vision.



### Harness & Pressure Gauge

The harness can achieve 180 degrees bending the pressure gauge includes alarm whistle and the whole rubber bumpers can reduce the vibration to the gauge and the alarm.



### Gas Cylinder & Cylinder Valve

The cylinder is made of composite aluminium alloy liner carbon fiber, which is light and durable.



### **Demand Valve**

- 360 degrees quick joint, supplies the air fast and automatically.
- Valve has an emergency gas supply button, throttle-switch and automatic suction structure to extend the usage time of the cylinder.



### **Reducer**

- Balanced pressure reducing design.
- Adopt medium pressure alarm and the safety valve automatically operates when the reducer fails.
- The inner pipe of high-pressure tube uses spiral design.



### **Carrying Box**

The packaging plastic box is of high quality and is available in black and khaki options.

## **Optional Components**



**Optional  
Cylinder Valve**



**Pressure HUD Device**



**Height  
Adjustable  
Backplate**



**Cylinder Quick  
Change**



**Electronic  
Pressure Gauge**



**Buddy Breathe Hood**

## Specifications

	Material	Mask Body	Silicone
		Headnet	Kevlar/Rubber
<b>Full Face Mask</b>	Visual Field	$\geq 90\%$	
	Inhalation Resistance	$\leq 5$ bar	
	Exhalation Resistance	$\leq 10$ bar	
<b>Demand Valve</b>	Maximum Air Supply Rate	$\geq 500$ L/min	
<b>Gas Cylinder</b>	Material	Composite Aluminium Alloy Liner Carbon Fiber	
	Service Life	15 years	
	Volume	6.8L(5L/6L/9L)	
	Working Pressure	300 bar	
	Alarm Pressure	(55±5) bar	
	Operating Temperature	-30°C ~ 60°C	
	Service Time	45 ~ 60 mins	
<b>Harness</b>	Material	Nomex or Kevlar	
<b>Reducer</b>	Material	Copper	
	Air Flow	$\geq 1000$ L/min	
	Input Pressure	(7.5±1.5) bar	