

Self-Contained Breathing Apparatus (SCBA)

Self-Contained Breathing Apparatus (SCBA) are used to protect users against oxygen deficiency, dust, gases and vapors at plants, aboard vessels, at fire and in tunnels. SCBA have been widely used in such fields as fire-fighting, rescue operations, escape training at fire stations, iron works, chemical plants, nuclear facilities, hotels, etc. throughout Japan.

Explanation of Marks

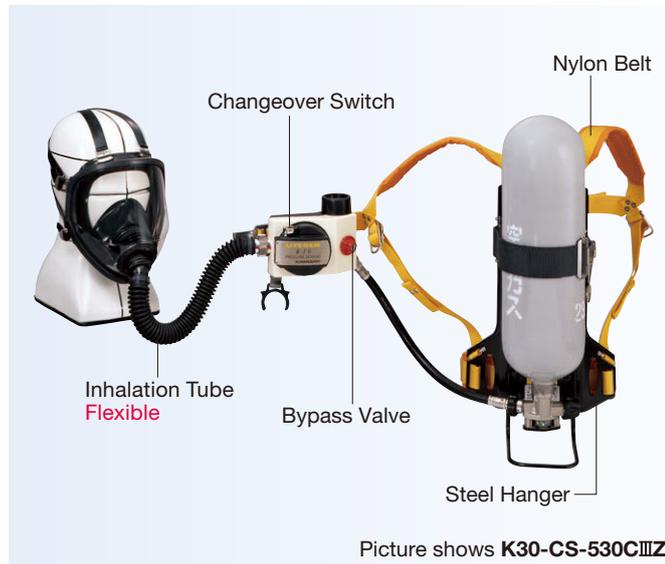


JIS : Japanese Industrial Standards
Approved to JIS T 8155:2014
Compressed air open-circuit SCBA



Approved to classification of flame resistance "class 3" (JIS T 8155:2014)

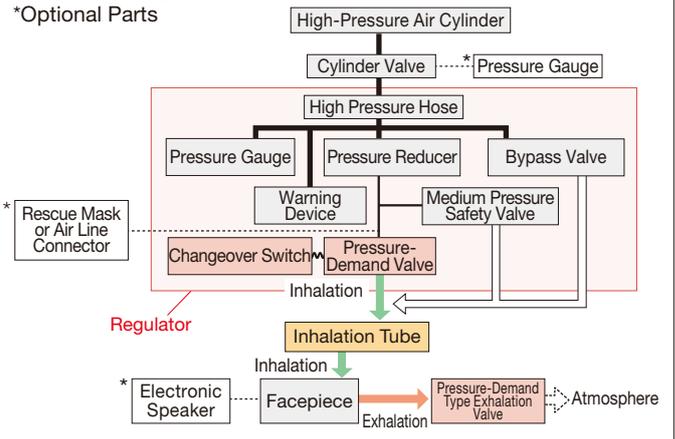
Pressure-Demand Type Air Breathing Apparatus



- Airtightness can be checked by squeezing inhalation tube.
- Normally used as pressure-demand type SCBA.
Switch **ON** : Pressure-demand type **OFF** : Demand type

Systematic Diagram (for K30)

*Optional Parts



Manual Positive Pressure Conversion Type

LIFE GEM K30-CS



Composition of K30 Series (Standard)

Please use in combination with a high-pressure air cylinder.

Model	Main Body		Combination									
	Product Code		Regulator		Harness				Facepiece*			
	With Trunk Case	Without Trunk Case	Model	Product Code	Model	Product Code	Hanger	Type	Model	Product Code		
K30-CS	70462★	70463★	K30	71706★	K	71909★	Steel	K	MKCS (K2PCS)	72718★	72792★	72719★

* Without neck strap. Neck strap type is also available.

K30 Specifications

Type	Pressure-Demand Type
Conversion Method to Positive Pressure	Manual
Maximum Usable Pressure	29.4 MPa
Maximum Supply Rate	460 L/min.
Weight	App. 4.6 kg

SCBA

How to Read Systematic Diagram

The lines in the systematic diagrams represent the following air flows in each SCBA model.

- High pressure
- Medium pressure
- ⋯ Connection of optional parts
- ⋄ Operation of a lever, etc.
- Exhalation
- Inhalation
- ⇨ Atmosphere
- ⇨ For emergency (manual supply)

Model indication example for complete set of SCBA

K30 — **CS** — **815CZ**
Regulator Type of Facepiece High-Pressure Air Cylinder

High-Pressure Air Cylinders for SCBA

Series	815	530	730
Picture Shows			
	815C	530CIII Z	730CIII Z
Duration	31min*	32min*	46min*
Maximum Chargeable Pressure	14.7MPa	29.4MPa	

* at 40 L breathing volume/min.

Product Name	Product Code	Pressure Gauge
815CG	71027★	
530CIII G	71141★	
730CIII G	71101★	
815CZ	71028★	
530CIII Z	71142★	
730CIII Z	71102★	
815C	71026★	
530CIII	71140★	
730CIII	71100★	



Do not fill high-pressure air cylinders with gas other than air.
Please ensure compressed air is discharged for export transportation.