

<http://www.o2breath.co.kr/>

SANSODA

Oxygen specialty brand
Made in korea

O₂BREATH



O2Breath Co., Ltd.

Greeting

O2Breath Co., Ltd. is a specialized company that researches and develops products that protect life with cutting-edge safety breathing technology. It pursues public interest and respect for life as its core management philosophy.

The 'portable rechargeable oxygen respirator' developed through continuous research and innovation is the world's first ultra-small and lightweight product capable of artificial respiration (oxygen resuscitation) using compressed oxygen as a power source.

It is composed of an integrated pressure reducing valve, so even the elderly and children can easily use it anytime, anywhere in the event of a fire or emergency.

Protect precious lives in emergency situations such as fires or disasters, and in high-risk industrial sites (confined spaces).

Protects the safety of workers from suffocation accidents and works in various living environments.

We will continue to strive to become a representative social contribution company that improves health and vitality by supplying high-purity, clean oxygen products to modern people.

Corporate Ideology



Public interest

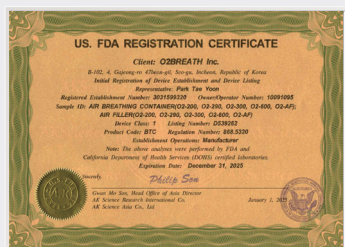


Safety

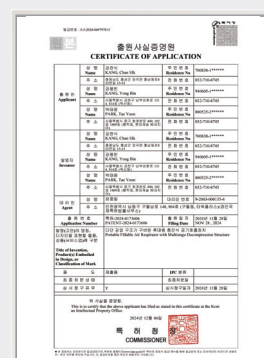


Respect for life

US.FDA Registration Certificate



Certificate / Patent Application

Quality Management System
CertificateEnvironmental Management
System Certificate

Certificate of recognition for
corporate research institute

Application Fact Certification
Office

▶ **Test Report / Design Registration certificate**



290-Test report

300-Test report

600-Test report

Packaging sticker design registration certificate

Portable oxygen respirator usage environment

A must for industrial sites where toxic gases and oxygen deficiency occur at fire sites!



Firefighter at fire scene



Toxic gas at fire scene



Subway toxic gas



Multi-use facility fire



Apartment or building fire



Sealed industrial site

Oxygen is essential for our body! Various uses in daily life

1 Test taker, office worker

Increasing oxygen levels in the body when you need to concentrate. Brain activity becomes more active. Replenish oxygen for your brain!



4 To your precious pet dog

A must-have item for senior dogs! Please deliver clean oxygen.



2 When you're tired and sleepy

Feeling sleepy while driving or tired during work, Please wake up your brain by supplementing oxygen.



5 In an emergency situation

Elderly parents or those with respiratory diseases. You can use it on your child in case of emergency.



3 When hiking

When you feel short of breath while hiking. You can use it.



6 After strenuous exercise

After strenuous exercise such as tennis, swimming, or soccer can be used when oxygen supply is needed.



Effect of oxygen supply on the human body



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Product specifications

Product Features

01



Distinctiveness

The one-touch button or discharge button increases the oxygen discharge pressure, enabling oxygen supply to the lungs of cardiac arrest patients and inducing self-ventilation.

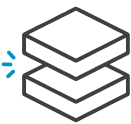
02



Eco-friendly special coating

Eco-friendly special coating (anodizing treatment: oxidation treatment through electrochemical reaction on the aluminum surface) prevents oxidation inside the container, maintaining high purity oxygen concentration, enabling clean oxygen storage.

03



Texture

Made of special aluminum alloy (A6061-T6) round bars using the pipe extrusion method, no bubbles are generated and the durability is strong.

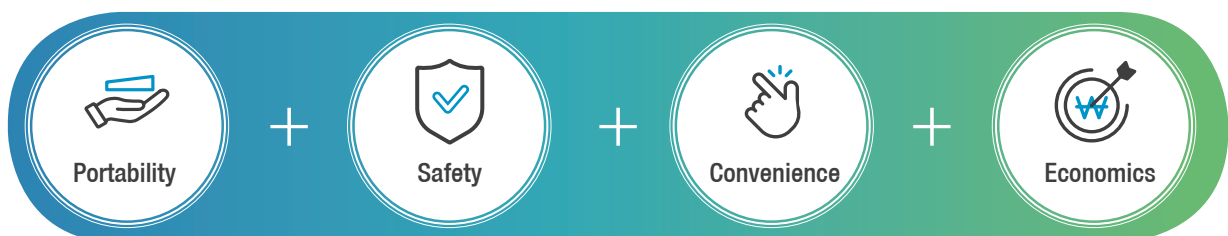
04



Integral pressure reducing valve

Manufactured through 5-axis precision processing of special alloy. The discharge pressure and flow rate of compressed and stored oxygen are automatically adjusted according to the person's breathing volume (inhalation/exhalation), and oxygen refilling and oxygen concentration control are possible.

Product advantages



It is an ultra-small and lightweight product compared to the world's capacity, so it is easy to carry and can be easily used anywhere in case of emergency.

Designed with an overheating and high pressure explosion-proof structure, in the event of sudden overheating or abnormal internal pressure rise, the "safety snap ring" inside the container operates to prevent rupture.

One-touch method, simple and easy to use for anyone, regardless of gender or age.

Can be used multiple times as it is a filling type rather than a one-time use. (Oxygen concentration can be adjusted)

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Portable rechargeable oxygen respirator

SANSODA rechargeable oxygen respirator is an essential emergency equipment that increases survival rate by supplying oxygen in emergency situations such as fire or other disaster.

It has been found that more than 80% of deaths due to fires are due to oxygen deficiency or suffocation due to toxic gases. In addition, as an ultra-small and lightweight product, it is a daily safety necessity that improves health and vitality by supplying high-purity clean oxygen anytime, anywhere in various living environments.

Portable rechargeable oxygen respirator product specifications



Model	O ₂ -200 / 201	O ₂ -290 / 291	O ₂ -300	O ₂ -600	O ₂ -S600
Size(mm)	Ø40×188.30	Ø46×219.50	Ø60×125.4×284.8	Ø80×148×346	Ø110×148×420
Weight	320g	510g	1360g	2230g	3800g
Oxygen Capacity	Approximately 20L	Approximately 50L	Approximately 165L	Approximately 250L	Approximately 500L
Oxygen capacity at full charge	Approximately 35L	Approximately 69L	Approximately 228L	Approximately 345L	Approximately 680L
Usage time	About 5 minutes	About 10 minutes	About 15 minutes	About 20 minutes	About 25 minutes
Usage time on full charge	About 8 minutes	About 13 minutes	About 20 minutes	About 25 minutes	About 30 minutes
Oxygen charging pressure	200 bar / 400 bar(full)	290 bar / 400 bar(full)	290 bar / 400 bar(full)	290 bar / 400 bar(full)	290 bar / 400 bar(full)
Discharge method	"Slide button : O -200 Push button : O -201 (CPR specialized product)"	"Slide button : O -290 Push button : O -291 (CPR specialized product)"	Belt type, turn button	turn button	turn button

O2Bliss exclusive mask

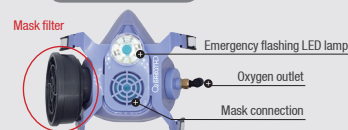
For general



Evacuation



Work



Mask filter Efficacy/ Efficiency

Organic compounds(OV) / Halogen(Cl₂) / Hydrogen sulfide(H₂S) / Sulfurous acid(SO₂) / Ammonia(NH₃) / Formaldehyde(CH₂O)
 ● Special activated carbon that is easy to breathe ● Chrome-free type ● Efficiency: Blocks over 99.97% of 0.3μm particles

O2Bliss emergency kit



SLIDE BUTTON TYPE

Portable rechargeable oxygen respirator



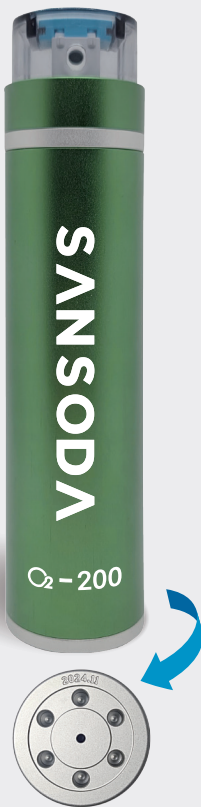
You can scan the QR code for more information.

SANSODA | O₂-200

Pressure reducing valve
Slide button pressure gauge

Oxygen storage unit

Oxygen filling section

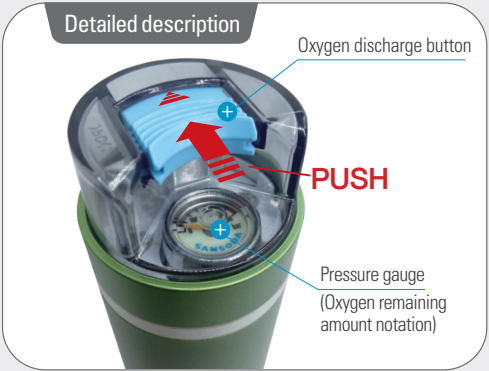


Detailed description

Oxygen discharge button

PUSH

Pressure gauge
(Oxygen remaining amount notation)



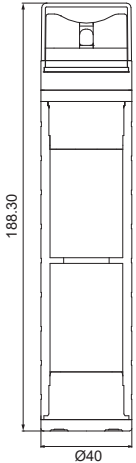
Mask storage



Specification

Model	O ₂ -200
Size(mm)	Ø40×188.30
Weight	320g
Oxygen capacity	Approximately 20L
Usage time	Approximately 5 minutes
Oxygen charging pressure	200 bar
Discharge method	Slide button

DIMENSIONS





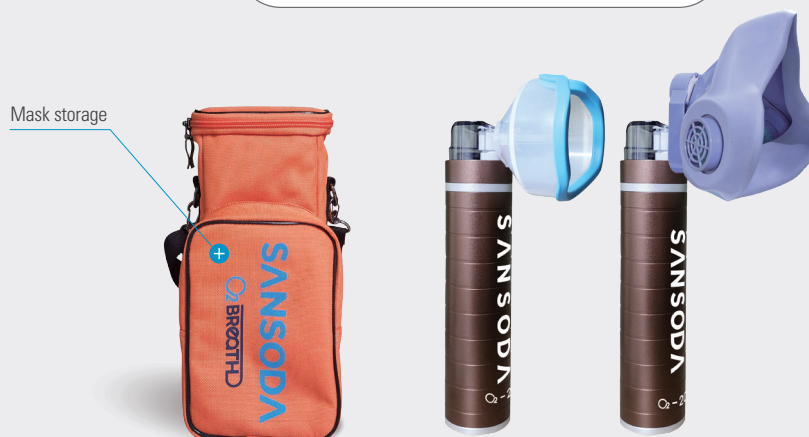
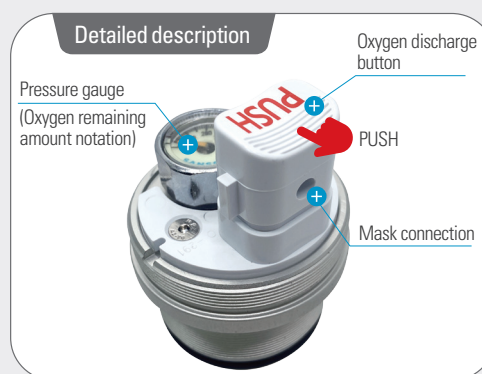
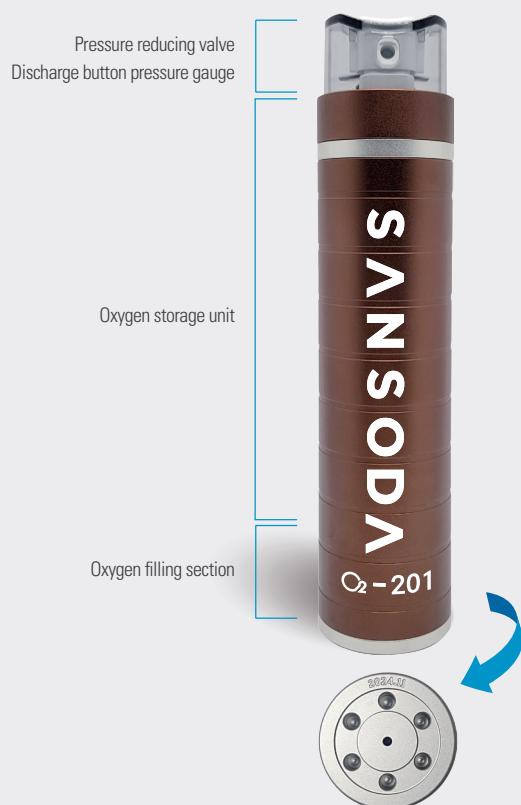
You can scan the QR code for more information.

PUSH BUTTON TYPE

Portable rechargeable oxygen respirator

SANSODA | O₂-201

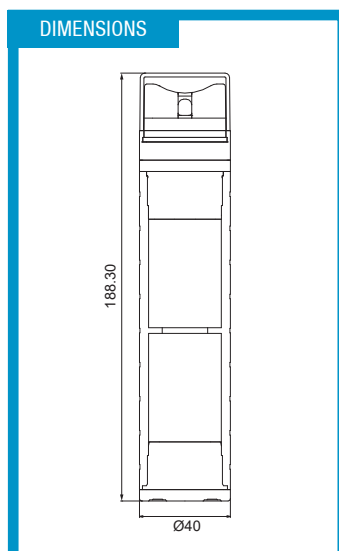
cardiopulmonary
resuscitation
Specialized products



Specification

Model	O ₂ -201
Size(mm)	Ø40×188.30
Weight	320g
Oxygen capacity	Approximately 20L
Usage time	Approximately 5 minutes
Oxygen charging pressure	200 bar
Discharge method	Push button (Cardiopulmonary resuscitation specialized product)

DIMENSIONS



SLIDE BUTTON TYPE

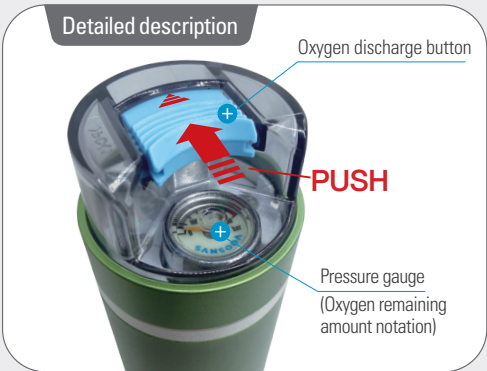
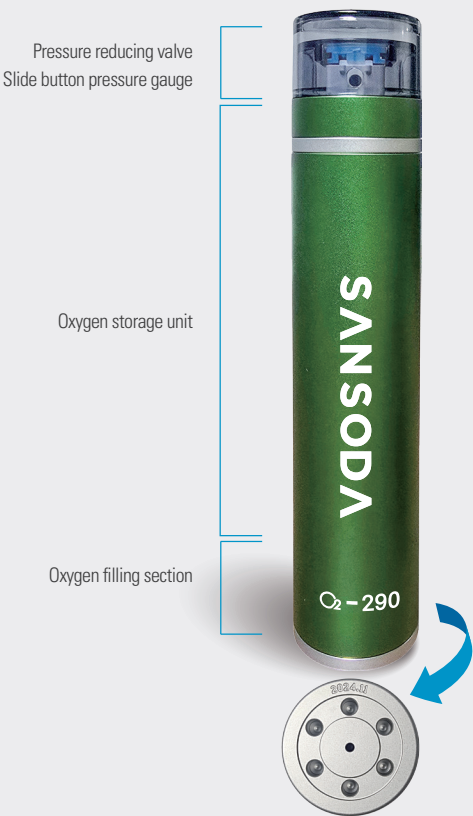
Portable rechargeable oxygen respirator



You can scan the QR code for more information.

SANSODA | O₂-290

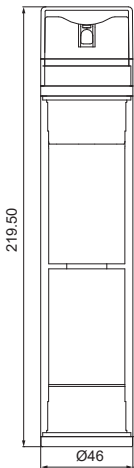
SANSODA 10



Specification

Model	O ₂ -290
Size(mm)	Ø46×219.50
Weight	510g
Oxygen capacity	Approximately 50L
Usage time	Approximately 10 minutes
Oxygen charging pressure	290 bar
Discharge method	Slide button

DIMENSIONS





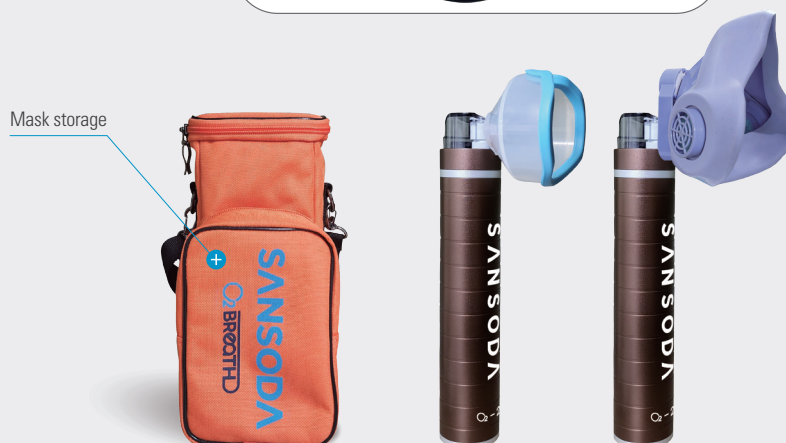
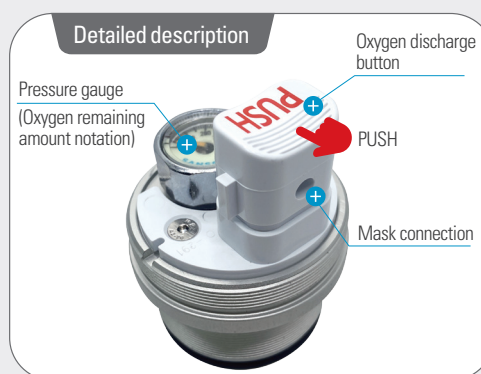
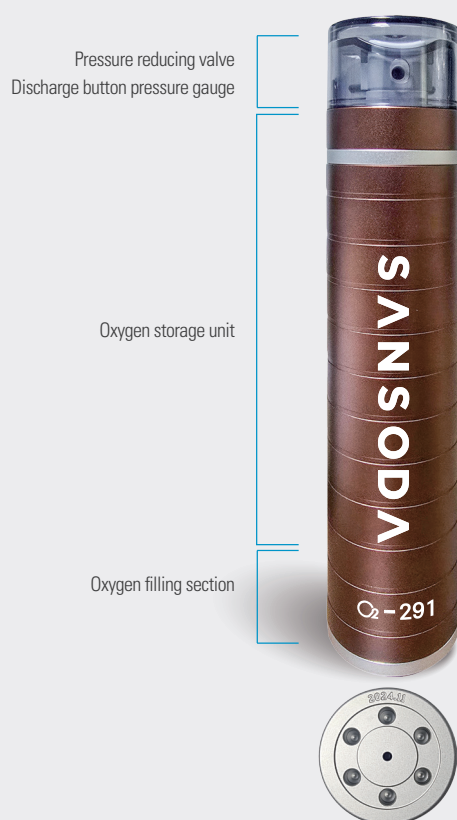
You can scan the QR code for more information.

PUSH BUTTON TYPE

Portable rechargeable oxygen respirator

SANSODA | O₂-291

cardiopulmonary
resuscitation
Specialized products

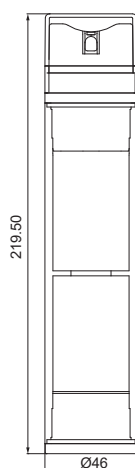


O₂ BREATH 11

Specification

Model	O ₂ -291
Size(mm)	Ø46×219.50
Weight	510g
Oxygen capacity	Approximately 50L
Usage time	Approximately 10 minutes
Oxygen charging pressure	290 bar
Discharge method	Push button (Cardiopulmonary resuscitation specialized product)

DIMENSIONS



BELT TYPE TURN BUTTON TYPE

Portable rechargeable oxygen respirator



You can scan the QR code for more information.

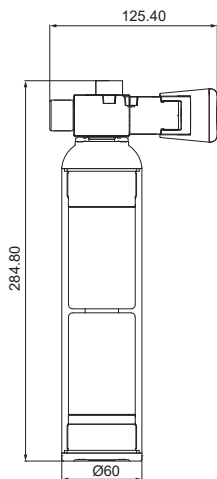
SANSODA | O₂-300



Specification

Model	O ₂ -300
Size(mm)	Ø60×125.4×284.8
Weight	1360g
Oxygen capacity	Approximately 165L
Usage time	Approximately 15 minutes
Oxygen charging pressure	290 bar
Discharge method	Belt type, Turn button

DIMENSIONS





You can scan the QR code for more information.

TURN BUTTON TYPE

Portable rechargeable oxygen respirator

SANSODA | O₂-600



O₂ BREATH 13

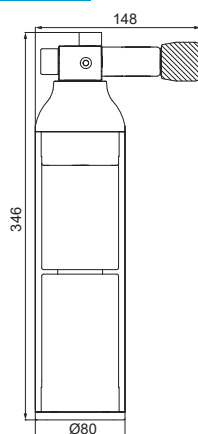
A must for industrial sites where toxic gases and oxygen deficiency occur at fire sites!

- ☒ Fire suppression firefighter
- ☒ Skin scuba diver
- ☒ Workers in special industries

Specification

Model	O ₂ -600
Size(mm)	Ø80×148×346
Weight	2230g
Oxygen capacity	Approximately 250L
Usage time	Approximately 20 minutes
Oxygen charging pressure	290 bar
Discharge method	Turn button

DIMENSIONS





You can scan the QR code for more information.

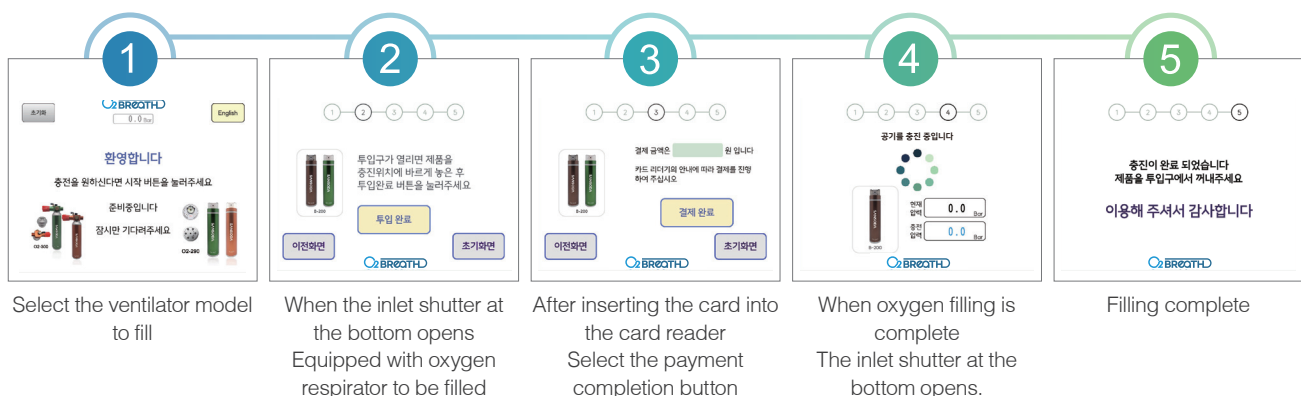
Automatic oxygen filling machine

SANSODA | O₂-AF

- It can be used as a reusable oxygen respirator rather than a disposable oxygen respirator by automatically filling it with oxygen.
- Unification of oxygen inlet using rotary filling method
- Easy and convenient self-filling using the touch screen method.
- Built-in product recognition sensor for each model. Incorrect input prevention function
- Maximum filling of high-purity oxygen at once regardless of remaining oxygen amount.
- Safe usability with oxygen pressure backflow prevention function and rated filling pressure maintenance function



Automatic oxygen filler operation sequence





Company overview



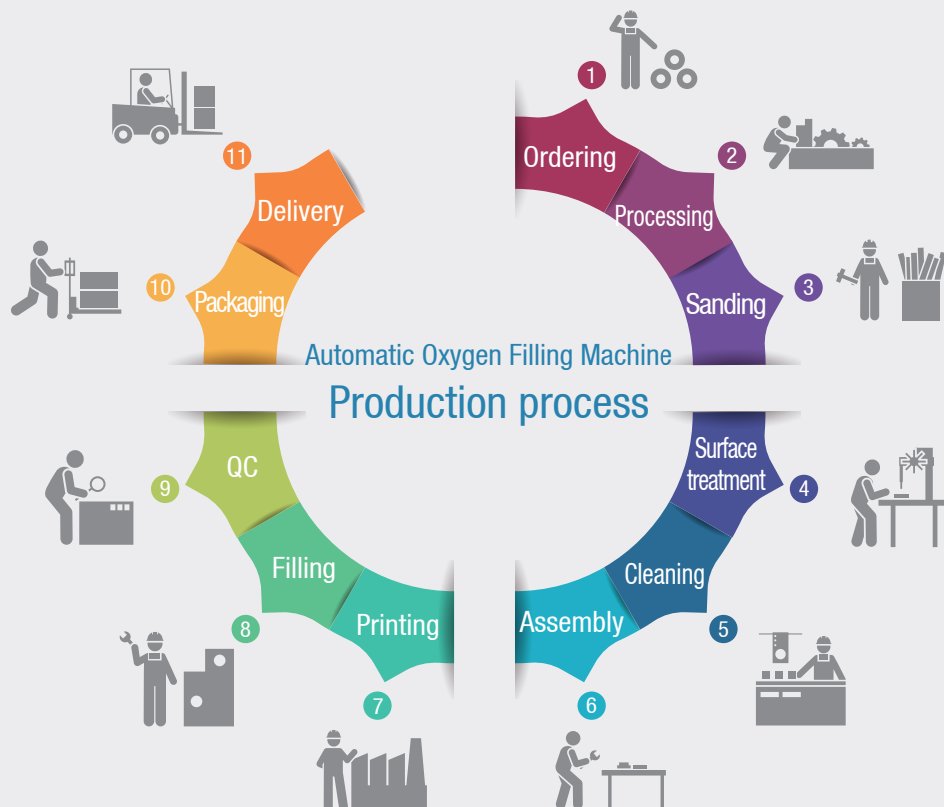
Precision processing 1



Precision machining 2



Anodizing



SNsODA



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