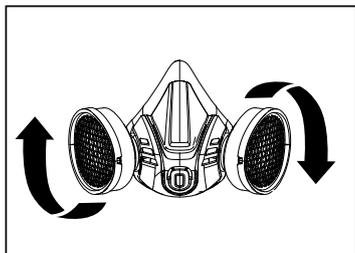


IMPORTANT! Keep these user instruction for reference.

Before using the half mask and the related filters, must carefully read and understand the instruction, and strictly abide by the relevant content and retention of instruction in use process, please reference. The half masks meet the requirement of Regulation (EU) 2016/425 and CE marked accordingly, and have been tested according to EN 140:1998.

Assembly instructions

A – half mask, B – filter



A1 Please assemble two filters before wearing



A2 Loosen the head harness. Hold the half mask in the position over nose and mouth.



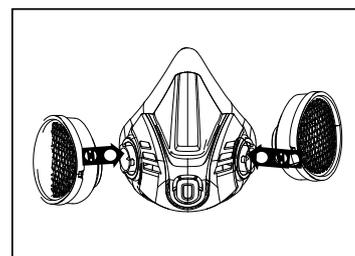
A3 Place the superior head harness on the top of the skull. If necessary, readjust the head harness.



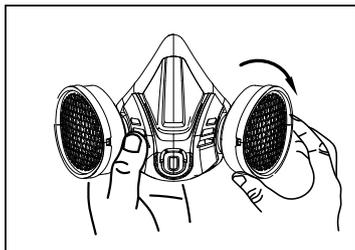
A4 Release the inferior head harness and place it on neck, then pull the head harness to proper position to get a good seal.



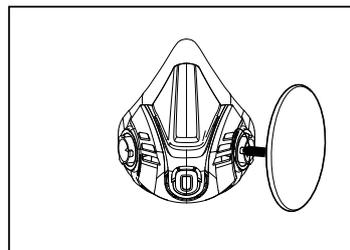
A5 Press the palm of your hand over the exhalation valve cover and exhale gently. If no air leaks are being noticed between face and mask a proper fit has been achieved. If a leak has been detected reposition the respirator and readjust the tension of the head harness to eliminate leakage. Repeat the fit check.



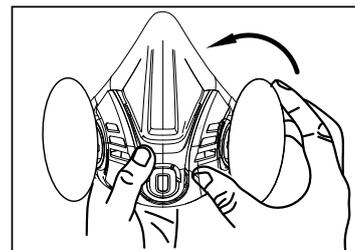
B1 Align the gas filter with the mask connector base and put them together. Turn the filter clockwise to stop.



B2 Turn the filter anticlockwise for removing the gas filter.



B3 Align the particle filter with the mask connector base and put them together. Turn the filter clockwise to stop.



B4 Turn the filter anticlockwise for removing the particle filter.

Use instructions

SPARTUS® half mask is used two filters to protect people from harmful working environment. And the protection performance is depend on the filters.

SPARTUS® half face respirator is compatible with the following combined filters:

Filter model	Protection against
SPARTUS®50	For use against organic gases and vapors with boiling point > 65°C
SPARTUS®100 / SPARTUS®200	For use against certain organic gases and vapors, certain inorganic gases and vapors, sulfur dioxide and other acidic gases and vapors, ammonia and organic ammonia derivatives
SPARTUS®10 / SPARTUS®60	For use against protect against solid or liquid substance in the nely divided state

(for use with twin filtering device)

Warning

Leave the contaminated area immediately and replace respirator if:

- the half mask becomes damaged;
- you taste or smell contaminants or an irritation occurs;
- breathing becomes difficult;
- dizziness or other distress occurs.

1. The half mask does not supply oxygen. Please do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use this half mask in oxygen enriched air and explosive atmosphere.
3. It is unlikely that the requirements for leakage will be achieved if facial hair passes under the face seal.
4. Check prior to use, ensure fit of face piece.
5. The half mask must be used with two filters.
6. Stay away from the contaminated areas when replacing the filters.
7. If you cannot achieve a proper fit, do not enter the contaminated area.

Inspection procedure

SPARTUS® half mask must be inspected before use to ensure that it is in good operating condition. Half mask should be replaced of upon observation of damaged or defective parts. The following inspection procedure is suggested:

1. Check the half mask for any cracks, tears and/or dirt.
2. Make sure that the head straps are intact and have a good elasticity.
3. Examine all plastic and rubber parts for signs of cracking or fatiguing.
4. Check to ensure breathing is smooth and there is no leaking.
5. Examine to ensure that filters are compliant with the working environment.

Cleaning and storage instructions

Cleaning is recommended after use:

- remove the filters before cleaning,
- clean the face piece with medical grade alcohol, and let dry in room temperature,
- the cleaned respirator should be stored away in its original packaging or in a container box from contaminated areas when not in use. Always remember to store away from direct daylight or any source of heat.

Replacement instructions

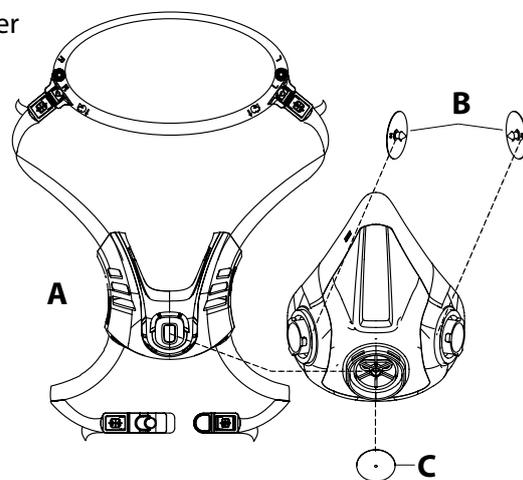
Head Harness Assembly

1. Remove valve cover/head harness assembly by pulling away from faceseal.
2. Replace valve cover/head harness assembly by aligning parts and snapping together. When property engaged an audible snap should be heard.

Exhalation Valve

1. Remove valve cover/head harness assembly by pulling away from faceseal.
2. Remove exhalation valve from valve seat by pulling each valve stem separately from holes.
3. Replace exhalation valve by inserting stems and pulling through from opposite side until they are both snapped in place. Push laterally on valve stems to ensure they are properly seated.
4. Replace valve cover/head harness assembly.

NOTE: Conduct a negative pressure seal check to ensure exhalation valve is functioning properly.



- A Head harness assembly
- B Inhalation valves
- C Exhalation valve

Inhalation valve

1. Remove inhalation valve by grasping and pulling valve stem from seat.
2. Replace valve by pressing stem into hole and manipulating stem tip until valve seats completely.

NOTE: Conduct a positive pressure seal check to ensure inhalation valve is functioning properly.

Cartridge / filter holder

1. Remove valve cover/head harness assembly by pulling away from faceseal.
2. Pull faceseal from cartridge/filter holder.
3. Replace cartridge/filter holder.
4. Replace valve cover/head harness assembly by snapping into place.

Product manufacturing date

The parts of the product show markings that bring information of manufacturing date, and its reading is described as in the example below:



Date code = 07th month , 2022 year (07.2022)

Maintenance

Use only original spare parts. After use the SPARTUS® half mask must be checked and cleaned. Replace damaged parts.

Pictogram legend



See manufacturer's instruction manual



End of storage time



Storage temperature range



Maximum humidity during storage



Reusable particulate filter

SPARTUS® FILTERS

Before using the SPARTUS® filters, please carefully read and understand the instructions, and strictly follow it. Improper use may cause serious injury, harm to your health or death.

Use instructions

1. Check the filter and package prior to use. Ensure the filter is good condition. Do not use if there are hole, deformation, crack on the filter.
2. Filter can only be used according to its type and class. See marking on the filter before use. Choose appropriate to use.
3. In case, if you experience increased breathing resistance, you smell contaminants or feel dizziness, headache, irritation or any other discomfort, you should leave the dangerous area immediately and replace filter.

Warning

1. The filter don't produce oxygen, use in normal breathing air quality, do not use in hazards of oxygen, deficiency of oxygen or oxygen enriched air.
2. The use of gas or combined respiratory protective devices, specially those which are not directly connected to the face piece during work with open flames or liquid metal droplets may cause serious risk due to the ignition of the charcoal containing filters which may generate acute levels of toxic substances.
3. Don't use in explosive atmosphere.
4. Storage under conditions other than those specified by the manufacturer may affect the shelf life.
5. Follow guidance as to use of filters.
6. Don't modify and abuse of the product.

Use limitations

SPARTUS® filters never be used under following conditions:

- oxygen concentration is lower than 19,5%,
- in an oxygen-enriched environment where oxygen concentration 23,5% and increase.
- the type of poison is unknown (the filter is only used according to its type and classification on the marking),
- the concentration of harmful gases not exceeds 0,1%,
- for specific applications, contact the distributor or manufacturer.

Maintenance

Gas filter is not re-usable – do not need cleaning or maintenance. Particle filter is re-usable – take off the particle filter after using and store it in its original packaging.

Storage conditions

Storage under conditions specified by the manufacturer, otherwise it may affect its classification and shelf life. Particle filter shall be stored in the dry, clean, low humidity and non-pollution environment. Do not use out of shelf life.

SPARTUS® gas filters

The service life of gas filter is affected by the type, volatility and concentration of air pollutants and environmental conditions, such as temperature, atmospheric pressure and humidity. SPARTUS® gas filters meet the requirement of Regulation (EU) 2016/425 and CE marked accordingly, and have been tested according to EN 140:1998.

Specification

Marking: ①Type / ②Protection against gases and vapours / ③Filter colour: A-Brown, B-Grey, E-Yellow, K-Green / ④A – for use against organic gases and vapors with boiling point > 65°C / ⑤B – for use against certain inorganic gases and vapours / ⑥E – for use against sulphur dioxide and other acidic gases and vapours / ⑦K – for use against ammonia and organic ammonia derivatives

①Type	②Protection against gases and vapours	③Colour
A1	④A	Brown
B1	⑤B	Grey
E1	⑥E	Yellow
K1	⑦K	Green
A1 E1	④A ⑥E	Brown, Green
A1 B1	④A ⑤B	Brown, Grey
A1 B1 E1	④A ⑤B ⑥E	Brown, Grey, Green
B1 E1 K1	⑤B ⑥E ⑦K	Grey, Yellow, Green
A1 B1 E1 K1	④A ⑤B ⑥E ⑦K	Brown, Grey, Yellow, Green

(listed above features for use with twin filtering device)

Marking meaning

Marking	Filter class	Protection against	Colour
A1	1	For use against organic gases and vapors with boiling point > 65°C	Brown
B1	1	For use against certain inorganic gases and vapours	Grey
E1	1	For use against sulphur dioxide and other acidic gases and vapours	Yellow
K1	1	For use against ammonia and organic ammonia derivatives	Green

(class 1 is low capacity filters)

SPARTUS® particle filter

The service life of the particle filter is affected by such factors as the concentration of particulate matter in the air, the user's respiratory rate, ambient temperature and humidity conditions. If the particulate filter is dirty, damaged or the inhalation resistance increases significantly, it must be replaced immediately. SPARTUS® particle filter meet the requirement of Regulation (EU) 2016/425 and CE marked accordingly, and have been tested according to EN 14387:2004+A1:2008.

Specification

Model	Type	Protection against
SPARTUS®10 / SPARTUS®60	P3 R	For use against protect against solid or liquid substance in the finely divided state

(particle filter is intended to be used for more than a single shift – mark „R“)