



RESPIRATORY PROTECTIVE
EQUIPMENT

always
breathe
safe •

about us •

Kasco is a family-owned manufacturing company founded in Reggio Emilia. We develop and produce respiratory protection devices.



We are an efficient and experienced company. Our business model and European and American certifications drive our quality improvement.



• our values

“Always Breathe Safe”

Our **mission** is to protect the respiratory health of workers exposed to dust and harmful substances of all kinds.

We are committed to preventing accidents and work illness improving the quality of work by providing a reliable and long-lasting product.

1 An ongoing commitment to our customers.
From the first contact, a consultative and qualified approach.

2 Accurate production and quality control programs.
We guarantee a fast and efficient service.

3 Responsible for worker safety, we offer the best solution to the user.

our story •

1977



The first respirator launched for local agriculture.
From the K80S to the K80.

1986



Not just Europe. Kasco enters Canada, USA, and Australia.

1993



CE and NIOSH certifications.
The KOMPAT88 and ZENITH1 masks are born.

2001



75% is export to over 15 countries.

2016



A new technology is being designed:
range of respirators KAIO and KAIOS.

2021



With the pandemic, Kasco launches the K20 T8X powered hood for the medical sector.

2025



Industrial expansion with new compact powered respirators called e-TA.



our products •

Our range of **KASCO** products:

- **Powered air purifying respirators with helmets or hoods**
EN 12941
- **Powered air purifying respirators with full face masks**
EN 12942
- **Airline respirators**
EN 14594
- **Half mask respirators**
EN 140
- **Full face masks respirators**
EN 136
- **Dust filters**
EN 143
- **Combined filters**
EN 14387

certifications



our **services** .



Consultation



**Delivery and
assistance**



**Maintenance
and service**



**Product
test**



Partnership



Training

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products •



PAPR stands for Powered Air Purifying Respirator.

A battery-powered device purifies air through a filter; the worker breathes clean air into a helmet or face mask.

In the case of insufficient airflow (for example, when the battery runs out or the filter is clogged), the system alerts with a visual or acoustic alarm.

This is a reusable positive pressure system that requires proper maintenance and user training.

It is not designed for use in environments without sufficient oxygen and it is not an escape device.

benefits

COMFORT AND SAFETY

Positive pressure reduces breathing effort and physical and mental stress. Higher protection factor even in difficult workplaces and high dust or gas concentrations.

ALL-PURPOSE

Can be used in various workplaces and sectors.

SUSTAINABILITY

Lower environmental impact eliminating disposable items.

DURABILITY

It lasts over time with proper maintenance.



Why choose a PAPR designed by KASCO

Our **powered respirators** have been designed and manufactured to offer the maximum experience and comfort to the worker.

Easy to use, **streamlined** and **reliable** over time.

- TH3 and TM3 **certified** respirators. The best protection for the user
- Lightweight and ergonomic systems
- New electronic units equipped with high-performance and long-lasting **brushless** motors
- From waist-mounted to head-mounted respirators
- Regular and high airflow for a full work shift
- Filters with low respiratory resistance and higher diameter
- Helmets made in **fiberglass**, more resistant and durable
- **IP65** certified products. Easy to clean and suitable under showers
- Wide and prompt spare parts range
- **All-in-one** solutions with head, eye and respiratory protection



Waist-mounted powered respirators with helmet or hood •

EN 12941 Powered air purifying respirators with hood or helmet

Devices equipped with gas, dust, or combined filter(s) provide head, eyes and respiratory protection. These devices are suitable for long work shifts or critical workplaces, where wearing a face mask is not possible or when a face seal cannot be ensured and where head protection is required.

These loose-fitting respirators have a hood or helmet connected to the blower unit and battery mounted at the belt or backpack. The connection is made via a breathing hose between the helmet and the powered air purifying system.

No fit test is required.

Nominal Protection Factor (NPF)

TH1 = 10

TH2 = 50

TH3 = 500



e-T5 Powered Air Unit

PAPR with Helmet (TH3-rated - NPF=500) which provides head, face, eyes and respiratory protection for 8 hours.

The e-T5 Powered Air Unit is the most advanced among the waist-mounted models. Equipped with a coreless motor and certified with both dust filter and combined filter.

The headgear with adjustable inner headband (53-63 cm) is available in three versions:

- **KAIO**: full helmet with flip-up visor
- **KAIO VF**: full helmet with fixed visor
- **KAIOS**: slim helmet with flip-up visor

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The blower unit with long-lasting coreless motor provides a constant airflow up to 220 l/min, ideal for long periods of work.
- EN 166 certified visor against medium-speed particle impacts (120 m/s) for heavy-duty work and difficult environments.
- Acoustic alarm and visual LED to indicate low battery and/or filter clogging.

sectors



CONSTRUCTION AND
RENOVATION



METALWORKING



AGRICULTURE



EN 12941
EN 166 classe 2
EN 397

PART NUMBERS e-T5 Powered Air Unit

Part	Description
0313302	KAIO e-T5 P3 PAPR
0313303	KAIO e-T5 A2P3 PAPR
0313308	KAIOS e-T5 P3 PAPR
0313309	KAIOS e-T5 A2P3 PAPR
0313314	KAIO VF e-T5 P3 PAPR
0313313	KAIO VF e-T5 A2P3 PAPR

SPARE PARTS

- Helmet
- Breathing hose
- Blower unit
- Battery
- Electric cord
- Belt
- Filter
- Battery charger



RELATED PRODUCTS

0302046 KAIO VF HELMET



0809044 BACKPACK



1903049 PROTECTIVE FILM



T8 Powered Air Unit

PAPR with Helmet (TH3-rated - NPF=500) which provides head, face, eyes and respiratory protection to for 8 hours.

The T8 Powered Air Unit has IP65 rating against water and dust. Available with both dust filters and combined filters.

The headgear with adjustable inner headband (53-63 cm) is available in two versions:

- **KAIO**: full helmet with flip-up visor
- **KAIO VF**: full helmet with fixed visor

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The standard blower unit provides a constant airflow up to 200 l/min.
- EN 166 certified visor against medium-speed particle impacts (120 m/s) for heavy-duty work and difficult environments.
- Airflow indicator built-in on the visor allows to check the correct functioning of the system at any time.

sectors



CONSTRUCTION AND
RENOVATION



METALWORKING



FOUNDRY



SANDBLASTING



AGRICULTURE



EN 12941
EN 166 classe 2
EN 397

PART NUMBERS T8 Powered Air Unit

Part	Description
0313315	KAIO T8 P3 PAPR
0313306	KAIO T8 A2P3 PAPR
0313222	KAIO VF T8 P3 PAPR
0313223	KAIO VF T8 A2P3 PAPR

SPARE PARTS

- Helmet
- Breathing hose
- Blower unit
- Battery
- Electric cord
- Belt
- Filters
- Battery charger



RELATED PRODUCTS

0309170 SP8LI POWER CORD



0809044 BACKPACK



1903049 PROTECTIVE FILM



T8X Powered Air Unit

PAPR with Hood (TH3-rated - NPF=500) which provides face, eyes and respiratory protection for 10 hours, reaching an airflow up to 190 l/min.

The T8X Powered Air Unit is only certified with the K20 hood, which is available in blue or white color. Equipped with a pair of filters with EN 148-1 thread connection.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The K20 hood is lightweight (210 gr), soft, easy to clean and reusable. The visor is EN 166 certified against splashes and liquids.
- The T8X Air System boasts a long running time and is equipped with an acoustic alarm that warns if the airflow drops below 120 l/min.
- Extremely silent (65db) and with IP65 rating against water and dust.

sectors



HEALTHCARE



CHEMICAL



PAINTING



EN 12941
EN 166 classe 1

PART NUMBERS T8X Powered Air Unit

Part	Description
0313221	K20 T8X P3 PAPR

SPARE PARTS

- Hood
- Breathing hose
- Blower unit
- Battery
- Electric cord
- Belt
- Filters
- Battery charger
- Storage box



RELATED PRODUCTS

0705006 PREFILTER GRID



1307008 PREFILTER



0809044 BACKPACK



T9/T9R PAPR System

PAPR with Helmet (TH3 rated - NPF=500) which provides head, face, eyes and respiratory protection by means of a power cord connected to the 12V socket.

The Air System is available in two versions:

- T9: once the power cord is disconnected, the ventilation stops
- T9R: the blower unit is equipped with a built-in (and non-replaceable) battery capable of providing 2 hours of running time. In the event of a planned or accidental disconnection, the user is always protected (unlike the T9 version). The 12V power cord recharges the battery during the entire work shift.

The T9R battery recharges in 7 hours.

benefits

- The PAPR is equipped with a single combined filter, which ensures maximum lightness at the waist and low maintenance costs.
- Ideal for lasting work, it provides the user with a constant airflow of 170 l/min. For highest airflow and increased comfort, a second filter can be added by means of an adaptor.
- The white helmet is ideal for repelling ultraviolet rays. The headband with size regulator provides greater visibility spraying pesticides.

sectors



SPRAYING PESTICIDES



PEST CONTROL



AGRICULTURE



EN 12941
EN 166 classe 2
EN 397

PART NUMBERS T9/T9R Powered Air Unit

Part	Description
0313304	KAIO T9 A2P3 PAPR
0313305	KAIO T9R A2P3 PAPR

SPARE PARTS

- Helmet
- Breathing hose
- Blower unit
- Belt
- Filter
- 12V power cord
- 12V socket
- Battery charger (only T9R)



RELATED PRODUCTS

0309023 THREE-WAY CONNECTION



0809044 BACKPACK



1903049 PROTECTIVE FILM





Head mounted powered respirators with helmet or hood •

EN 12941 Powered air purifying respirators with hood or helmet

Devices equipped with gas, dust, or combined filter(s) provide head, eyes and respiratory protection.

These loose-fitting respirators are suitable for narrow and difficult spaces where a face seal cannot be ensured or where the hose makes work very difficult. These solutions give comfort and easy movements. Do not require any bulk or weight on the belt.

No fit test is required.

Nominal Protection Factor (NPF)

TH1 = 10

TH2 = 50

TH3 = 500



KAIO e-TA Powered Respirator

PAPR with Helmet (TH3-rated - NPF=500) which provides head, face, eyes and respiratory protection for 8 hours.

The KAIO e-TA Powered Respirator is a full helmet system with flip-up visor and a single dust filter. No hoses or accessories at the waist.

Acoustic alarm and visual LED to indicate low battery and/or filter clogging.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The fan unit and lithium battery are positioned on the back of the helmet: this provides comfort and freedom of movement without any backpack or accessories at the waist.
- The long-lasting brushless motor reaches 170 l/min constant airflow. The clean air inside the headgear blown by specific deflectors.
- A single dust filter with a large filter surface is positioned behind the blower unit to ensure less exposure to external agents.

sectors



SANDBLASTING



CONSTRUCTION AND
RENOVATION



METALWORKING



FOUNDRY



EN 12941
EN 166 classe 2
EN 397

PART NUMBERS KAIO e-TA Powered Respirator

Part	Description
0313301	KAIO e-TA P3 P3 PAPR

SPARE PARTS

- Helmet
- Blower unit with internal battery
- Rectangular filter
- Battery charger



RELATED PRODUCTS

0309177 ALUMINIZED HOOD



1903049 PROTECTIVE FILM



0601069 P3 FILTER



KAIOS e-TA Powered Respirator

PAPR with Helmet (TH3-rated - NPF=500) which provides head, face, eyes and respiratory protection for 8 hours.

The KAIOS e-TA Powered Respirator is a slim helmet system with flip-up visor and a single dust filter. Lighter and more compact than the KAIO e-TA model. No hoses or accessories at the waist.

Acoustic alarm and visual LED to indicate low battery and/or filter clogging.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The fan unit and lithium battery are positioned on the back of the helmet: this provides comfort and freedom of movement without any backpack or accessories at the waist.
- The long-lasting brushless motor provides 210 l/min of constant airflow. The clean air inside the headgear blown by specific deflectors.
- A single dust filter with a large filter surface is positioned behind the blower unit to ensure less exposure to external agents.

sectors



SANDBLASTING



CONSTRUCTION AND RENOVATION



METALWORKING



FOUNDRY



EN 12941
EN 166 classe 2
EN 397

PART NUMBERS KAIOS e-TA Powered Respirator

Part	Description
0313307	KAIOS e-TA P3 P3 PAPR

SPARE PARTS

- Helmet
- Blower unit with internal battery
- Rectangular filter
- Battery charger



RELATED PRODUCTS

0309177 ALUMINIZED HOOD



1903049 PROTECTIVE FILM



0601069 P3 FILTER



PROF88 Powered Respirator

PAPR with Helmet (TH3-rated - NPF=500) which provides head, face, eyes and respiratory protection for 8 hours.

The PROF88 Powered Respirator is a full helmet system with flip-up visor and a pair of combined filters with EN 148-1 thread connection. No hoses or accessories at the waist.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- The fan units and lithium battery are built-in into the helmet: this provides comfort and freedom of movement without any backpack or accessories at the waist.
- The clean air is drawn inside the headgear by means of two electric fans which provide an airflow up to 190 l/min.
- Airflow indicator built-in on the visor allows to check the correct functioning of the system at any time.

sectors



PLANT NURSERY AND
GREENHOUSES



SPRAYING PESTICIDES



PEST CONTROL



EN 12941

PART NUMBERS PROF88 Powered Respirator

Part	Description
0313216-LI	PROF88 A2P3 PAPR

SPARE PARTS

- Helmet
- Internal battery
- Fan units
- Filters
- Battery charger



RELATED PRODUCTS

0105066 SP-PROF
POWER CORD



1903039 VISOR WITH LOOPS



1903035 PROTECTIVE FILM





Powered air respirator with full face masks •

EN 12942 Powered air purifying respirators with full face masks or half masks

These tight-fitting respiratory devices are designed to protect the user from airborne contaminants or harmful agents, such as dust and gases. Unlike helmet-based respirators, these include a mask, requiring a fit test to ensure a perfect fit (in some countries, such as Italy, this is required by law).

Properly worn and comfortable, these devices provide greater protection than negative-pressure or loose-fitting respirators with helmet.

Nominal Protection Factor (NPF)

TM1 = 20

TM2 = 200

TM3 = 2000

IZIONE
O AMIANTO



e-M3 Powered Air Unit

PAPR with full face mask (TM3-rated - NPF=2000) which provides face, eyes and respiratory protection for 8 hours.

The e-M3 Powered Air Unit is directly connected to the VENUS1/ZENITH1 full face mask via EN 148-1 thread connection.

The system has IP65 rating against water and dust, ideal for easy clean-up and use in decontamination showers. Available with both dust filter and combined filter.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- Compact system without breathing hose, it guarantees full freedom of movement.
- A single 110 mm diameter filter ensures high airflow (>210 l/min with dust filter) and lower maintenance costs.
- The e-M3 blower unit features a long-lasting coreless motor, as well as acoustic alarm and visual LED to indicate low battery and/or filter clogging.

sectors



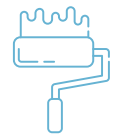
ENVIRONMENTAL REMEDIATION



ASBESTOS REMOVAL



PEST CONTROL



PAINTING



EN 12942

PART NUMBERS e-M3 Powered Air Unit

Part	Description
0323031	VENUS1 e-M3 P3 PAPR
0323033	VENUS1 e-M3 A1P3 PAPR
0323035	ZENITH1 e-M3 P3 PAPR (available in three sizes)
0323037	ZENITH1 e-M3 A1P3 PAPR (available in three sizes)
0324026	e-Air System e-M3 P3 (full face mask not included)
0324028	e-Air System e-M3 A1P3 (full face mask not included)

SPARE PARTS

- Full face mask
- Blower unit
- Battery
- Electric cord
- Belt
- Filter
- Battery charger
- Airflow indicator
- Storage box



0323035

RELATED PRODUCTS

0705006 PREFILTER GRID



1307008 PREFILTER



1607030 SPECTACLE KIT



e-T5 Powered Air Unit

PAPR with full face mask (TM3-rated - NPF=2000) which provides face, eyes and respiratory protection for 8 hours.

The e-T5 Powered Air Unit is connected to the VENUS1/ZENITH1 full face mask via a breathing hose with EN 148-1 thread connection.
The system has IP65 rating against water and dust, ideal for easy clean-up and use in decontamination showers. Available with both dust filter and combined filter.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- Blower unit and battery are compact, lightweight (less than 1 kg in total) and worn at the waist.
- A single 110 mm diameter filter ensures high airflow (>210 l/min with dust filter) and lower maintenance costs.
- The e-T5 blower unit features a long-lasting coreless motor, as well as acoustic alarm and visual LED to indicate low battery and/or filter clogging.

sectors



ENVIRONMENTAL REMEDIATION



ASBESTOS REMOVAL



PEST CONTROL



PAINTING



EN 12942

PART NUMBERS e-T5 Powered Air Unit

Part	Description
0323030	VENUS1 e-T5 P3 PAPR
0323032	VENUS1 e-T5 A2P3 PAPR
0323034	ZENITH1 e-T5 P3 PAPR (available in three sizes)
0323036	ZENITH1 e-T5 A2P3 PAPR (available in three sizes)
0324025	e-Air System e-T5 P3 (full face mask not included)
0324027	e-Air System e-T5 A2P3 (full face mask not included)

SPARE PARTS

- Full face mask
- Breathing hose
- Blower unit
- Battery
- Electric cord
- Belt
- Filter
- Battery charger
- Airflow indicator
- Storage box



RELATED PRODUCTS

0705006 PREFILTER GRID



1307008 PREFILTER



1607030 SPECTACLE KIT



T5 Powered Air Unit

PAPR with full face mask (TM3-rated - NPF=2000) which provides face, eyes and respiratory protection for 8 hours.

The T5 Powered Air Unit is connected to the VENUS1/ZENITH1 full face mask via a breathing hose with EN 148-1 thread connection.

The system has IP65 rating against water and dust, ideal for easy clean-up and use in decontamination showers. Available with both dust filter and combined filter.

The interchangeable lithium-ion battery recharges in just 3 hours.

benefits

- Blower unit and battery are compact, lightweight (less than 1 kg in total) and worn at the waist.
- A single 110 mm diameter filter ensures lower maintenance costs, although the airflow is lower (190 l/min with dust filter) than with the e-T5 model.
- The T5 Air System features a standard blower unit without built-in electronic board. It combines excellent quality and less cost compared to the electronic range.

sectors



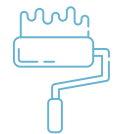
ENVIRONMENTAL REMEDIATION



ASBESTOS REMOVAL



PEST CONTROL



PAINTING



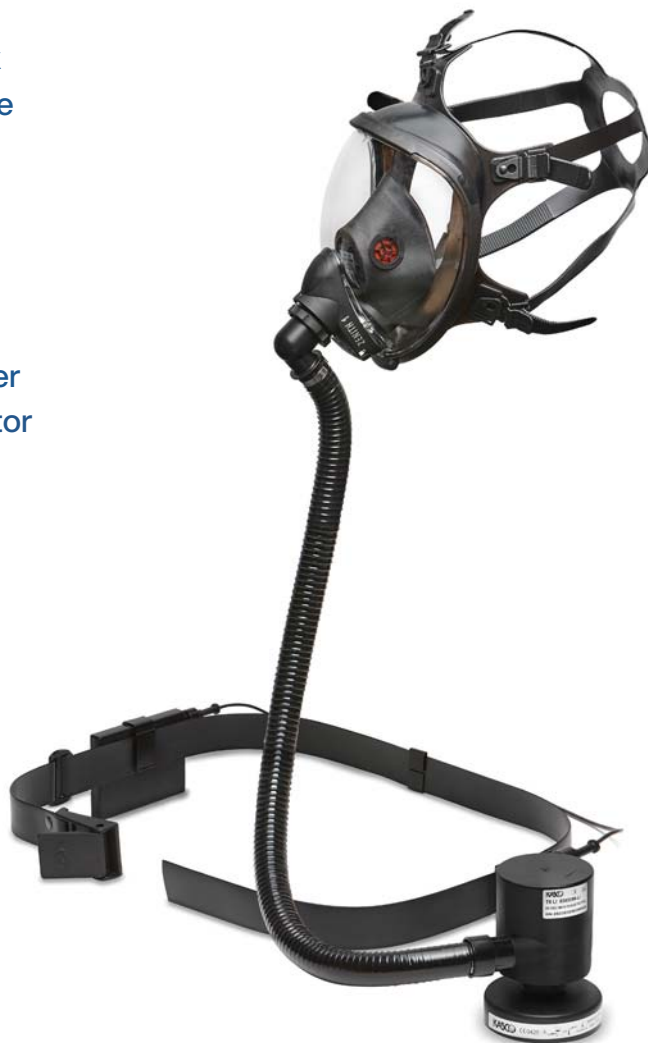
EN 12942

PART NUMBERS T5 Powered Air Unit

Part	Description
0323011-L8	VENUS1 T5-L8 P3 PAPR
0323023	ZENITH1 T5-L8 P3 PAPR (available in three sizes)
0324021	T5-L8 P3 Air System (full face mask not included)

SPARE PARTS

- Full face mask
- Breathing hose
- Blower unit
- Battery
- Electric cord
- Belt
- Filter
- Battery charger
- Airflow indicator
- Storage box



0323023-L8

RELATED PRODUCTS

1005006 FULL FACE MASK



1903047 VENUS1 PROTECTIVE FILM



1611036 STORAGE BOX





Airline respirators with full face mask •

Continuous flow compressed airline breathing devices that ensures a supply of breathable air in hazardous environments.

This is a supplied respirator providing breathable air and a constant amount of oxygen from an external source.

This device is suitable in work situations where:

- the concentration of pollutants is high
- the working environment may be oxygen-free or below threshold levels
- the toxic substances are unknown or odorless making the environment dangerous
- the user is working in a confined space where self-contained breathing apparatus (SCBA) cannot be used
- respirators with filters, for many reasons, do not offer the right protection and filters are not permitted



Airline Respirator

Continuous flow airline breathing apparatus (4B-rated - NPF=2000) which supplies breathable compressed air (EN 12021) at a pressure among 5 to 6 bar.

The Airline Respirator is connected to the VENUS1/ZENITH1 full face mask with a breathing hose and EN 148-1 thread connection. It isolates the user from the surrounding environment in a situation of contaminated ambient air and/or oxygen deficiency.

benefits

- The knob at the waist allows the user to receive high airflow (>300 l/min) inside the facepiece.
- In case of insufficient airflow, a backup filter (BP3) keeps the user protected against dust, liquid and solid aerosols.
- A 20-meter-long hose with quick-connect couplings guarantees a wide working range.

sectors



ASBESTOS REMOVAL



CHEMICAL AND
PHARMACEUTICAL



CONFINED SPACES
(SILOS)



EN 14594

PART NUMBERS Airline Respirator

Part	Description
0323027	Airline Respirator with ZENITH1 (available in three sizes)
0323028	Airline Respirator with VENUS1
0324032	AL BP3 Air System (full face mask not included)

SPARE PARTS

- Full face mask
- Air control unit
- Breathing hose
- Belt
- Filter
- Filter cover
- Airflow indicator
- Airline hose



RELATED PRODUCTS

1005006 VENUS1 FULL FACE MASK



1903047 VENUS1 PROTECTIVE FILM



0309129 AIRLINE HOSE





Half Mask and Full Face Mask Respirators with Filter •

KASCO is a leader in advanced respiratory protective equipment, highly specialized in positive pressure respirators.

However, KASCO also have negative pressure solutions: a tight-fitting respirator which relies on the wearer to draw air in through the filter. It includes of a half mask or a full face mask with a dust, gas or combined filter.

Every KASCO tight-fitting respirator features a standard EN 148-1 thread connection for the use of a single reusable filter against particles, aerosols and/or gases.

Why choosing a KASCO facepiece? •



The ergonomic design provides perfect **fit** and natural field of vision



They are **easy to clean**, there are no metal parts and the components can be easily replaced.



KASCO full face masks are produced in **third class** and can be used both with a standard filter and a powered air unit

ZENITH1 Full Face Mask

The ZENITH1 full face mask -when combined with a single filter (EN148-1 connection)- is a negative pressure solution (NPF=1000) which provides face, eyes and respiratory protection.

Full face mask manufactured in third class and available in three different sizes (L-M-S). The faceblank is made of silicon. Designed to provide an excellent fit and visibility.

The mask is also certified together with a battery-powered unit or a compressed airline breathing apparatus (NPF=2000).

Compatible with:

KASCO filters range (EN148-1 thread connection).

sectors



ASBESTOS REMOVAL



CHEMICAL AND
PHARMACEUTICAL



WASTE
MANAGEMENT



PAINTING



EN 136

PART NUMBERS ZENITH1 Full Face Mask

Part	Description
1005009L	ZENITH1 Full Face Mask size L (filter not included)
1005009M	ZENITH1 Full Face Mask size M (filter not included)
1005009S	ZENITH1 Full Face Mask size S (filter not included)



RELATED PRODUCTS

0309140 HEAD HARNESS



1613019 ZENITH1 VISOR



1615001 INNER HALF-MASK



VENUS1 Full Face Mask

The VENUS1 full face mask -when combined with a single filter (EN148-1 connection)- is a negative pressure solution (NPF=1000) which provides face, eyes and respiratory protection.

Full face mask manufactured in third class and available in a single size. The faceblank is made of EPDM. Multipurpose and easy to don/doff.

The mask is also certified together with a battery-powered unit or a compressed airline breathing apparatus (NPF=2000).

Compatible with:

KASCO filters range (EN148-1 thread connection).

sectors



PAINTING



AGRICULTURE



EMERGENCY AND
RESCUE



EN 136

PART NUMBERS VENUS1 Full Face Mask

Part	Description
1005006	VENUS1 Full Face Mask (filter not included)



RELATED PRODUCTS

0309140 HEAD HARNESS



1711011 VENUS1 FRAME



1903047 VENUS1 PROTECTIVE
FILM



K50 Half Mask

The K50 half mask is produced in single size, with a central EN 148-1 thread connection. The design provides an excellent fit. Extremely lightweight, soft and easy to clean.

Compatible with:
KASCO filters range (EN148-1 thread connection).

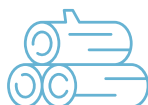
sectors



DIY AND HOBBIES



ASBESTOS REMOVAL



WOODWORKING



PAINTING



EN 140



PART NUMBERS K50 Half Mask

Part	Description
1005013	K50 Half Mask (filter not included)

filters •

Filters are of two types:

- **dust** filters (EN 143)
- **gas** and **combined** filters (EN 14387)

KASCO provides a **10-years** expiry date for dust filters and a **5-years** expiry date for gas and combined filters -from the date of manufacture.

Several factors must be considered in order to choose a filter:

- Environmental conditions such as the type of work, the type of contaminants, the concentrations of the contaminants, air humidity and temperature
- Filter features such as weight, material, size and approval
- The user's personal features and the type of equipment used
- If there is enough oxygen in the ambient air. Respiratory protection equipment with filters is not allowed below the minimum threshold of 17% Vol.

Gas and combined filters are in types **A, B, E, K** depending on the type of substances they protect against and classified into classes **1, 2, 3** depending on their protection capacity.

Dust filters are designated by the letter **P** followed by the number **1, 2, or 3** depending on their filtering efficiency.

Powered Air Units must be used together with the original manufacturer-branded filters to ensure the declared performance, comply with regulations and meet the legal warranty requirements.

Every **KASCO** respirator is compatible with filters with standard EN 148-1 thread connection, except for the e-TA models.

Why choosing a KASCO filter •

- In-house assembly and testing to ensure the highest levels of efficiency and customer satisfaction.
- All waist-mounted PAPRs have filters with **standard EN 148-1 thread connection**, so it is easy to interchange filters between different KASCO items.
- The **110 mm** diameter and pellet-type activated carbon provide higher airflow and better performances.



DUST FILTERS (EN 143)

Part	Description	Protection against	Color code
0601023	P3 FILTER	Particles, liquid and solid aerosols	
0601069	P3 RECTANGULAR FILTER (only for e-TA blower units)	Particles, liquid and solid aerosols	

GAS AND COMBINED FILTERS (EN 14387)

Part	Description	Protection against	Color code
0601019	A2P3 FILTER (high capacity)	Particles, liquid and solid aerosols, organic gases and vapors	 
0601025	A2B2P3 FILTER	Particles, liquid and solid aerosols, organic gases and vapors, inorganic gases and vapors	  
0601046	A2P3 FILTER	Particles, liquid and solid aerosols, organic gases and vapors	 
0601049	A2B2E2K1P3 FILTER	Particles, liquid and solid aerosols, organic gases and vapors, inorganic gases and vapors, acid gases and sulphur dioxide, ammonia	    
0601067	A2 FILTER	Organic gases and vapors	
0601070	A1P3 FILTER	Particles, liquid and solid aerosols, organic gases and vapors	 

ACCESSORIES (for filters with EN 148-1 thread connection)

Part	Description
0309023	Three-way connection for additional filter
0705006	Prefilter grid
1307008	Particle prefilter
0308036	P3 filter cover
1701004	Filter plug



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KASCO assumes no responsibility for any errors and reserves the right to change the technical characteristics of the products at any time without prior notice.

2025 catalog rev.1 08-11-2025

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