



__KAIOS e-T5 ZA2P3 POWERED AIR-PURIFYING RESPIRATOR

SKU: 0313309

REQUEST A QUOTE

Recommended for pesticides spraying in the open and in the greenhouses, for grain handling, cleaning and disinfecting stables and pens, and any work where it is necessary to effectively protect the respiratory system, face, eyes and head.

This respirator represents the ideal device for protection against solid and liquid aerosols, particles and organic vapours.

This respirator is ideal for jobs requiring full protection for long term work.

The respirator has one of the lowest sound levels to be found on the market.

[VIDEO donning](#)

🔗 [IST-USO-0906016 Elettrorespiratori con CASCO KAIO-KAIOS-Electrorespirators with KAIO-KAIOS HELMET-Électrorespirateurs avec CASQUE KAIO-KAIOS-Electrorrespiradores con CASCO KAIO-KAIOS - KAIO-KAIOS Helm-Atemschutzgeräte](#)

🔗 [DDC-UE-0313XYZ-e Elettrorespiratori con casco KAIO-KAIOS ed elettronica-Electrorespirators with helmet KAIO-KAIOS and electronics-Électrorespirateurs avec casque KAIO-KAIOS et électronique-Electrorespiradores con casco KAIO-KAIOS y electrónica-KAIO-KAIOS Helm-Atemschutzgeräte mit Elektronik](#)



DESCRIPTION **ADDITIONAL INFORMATION**

Recommended for pesticides spraying in the open and in the greenhouses, for grain handling, cleaning and disinfecting stables and pens, and during any work where it is necessary to effectively protect the respiratory system, eyes and head.

The KAIOS series respirators work by means of a slight overpressure created by a flow of filtered air. The air, sucked and purified through the filters by means of a control unit, is sent through the tube inside the helmet. Control unit, filter and battery are worn on the belt.

The electric respirator with helmet is a device capable of providing combined protection of the head (EN397), face and eyes (EN166) and respiratory tract – from gases and particles – (EN12941). The adjustable internal harness locks the helmet to the forehead giving greater visibility to the operator. The polyamide collar allows a pleasant and efficient closure of the helmet around the operator's neck. The respirator is designed to be used both in compact mode and in mode with control unit and battery on the belt. This is possible by changing the rear insert. The e-T5 control unit is equipped with a silent and long-lasting coreless motor and a monitoring system for the state of charge of the battery and the minimum flow by means of a LED and a buzzer. The lightness of the device allows it to be used without the use of a shoulder support.

FEATURES AND BENEFITS

PROTECTION: The electro respirator with helmet is the only assisted ventilation device capable of providing combined protection for the head, face and eyes, and respiratory tract from particles and gas.

The aspirated and filtered air is introduced into the helmet via the control unit and connection pipe, creating a slight over pressure. The continuous and uniform flow of air prevents fogging of the visor and eliminates any respiratory effort, offering protection and comfort for the operator.

COMFORT: The respirator is easy to don and use also by inexperienced workers. Lightweight and of simple design, it is comfortable to wear even in harsh working conditions.

LIFE: The use of carefully selected first choice raw materials guarantee a product average life expectancy of over ten years.

FLOW INDICATOR: there are 2 flow indicators: a visual and acoustic one on the ventilation unit and a sphere flow indicator always visible on the visor. These systems allow to keep under control the functioning of the respirator.

LITHIUM BATTERIES: The latest generation lithium battery, lightweight and of easy maintenance, is carried at the waist.

VENTILATION UNIT: Equipped with a silent and long-lasting coreless motor and a system that allows the monitoring of the minimum flow and the state of charge of the battery.

HELMET: The inner headband, adjustable from 52 to 63 cm, blocks the helmet round the forehead allowing for excellent visibility when the worker turns his head. Ultraviolet sun rays are repelled by the white color of the helmet.

The helmet complies with the requirements of the EN 397 standard: protects the head from falling objects and brain injuries to the skull that may result.

It is possible to wear neck type ear muffs

COLLARS: The polyamide collar closes efficiently and comfortably around the worker's neck.

VISOR: It complies with the requirements of the EN166 standard: it is in optical class 2 and resists particles with a speed of 120 m / s. Allows visibility over 90%. Anti-fog and anti-scratch treatments have been carried out on the visor. Protective films, to be fixed to the special pins, can be supplied as an accessory to further protect the visor. There is a minimum flow indicator on the visor.

STANDARD COMPONENTS:

- a helmet with a visor that can be closed using a special hook and integrated range indicator,
- a type C insert that allows the connection of a breathing tube to the helmet,
 - ventilation unit with integrated electronics,
 - lithium battery,
- a battery charger,

- an A2P3 filter,
- a belt,
- a breathing tube,
- an electric cable.

TECHNICAL INFORMATION

CLASSIFICATION EN 12941:98+A1:03+A2:08: TH3 A1P R SL

CONFORMITY REGULATION EU 2016/425

NOMINAL PROTECTION FACTOR (NPF) EN529:2006: 500

OPTICAL CLASS: II

COMPLIANCE WITH THE REQUIREMENTS OF EN166: 2001 AND EN397: 2012 + A1: 2012

MAX AIRFLOW AT 20°C-60%RH*: 160 l/min

MIN AIRFLOW AT 20°C-60%RH: 120 l/min

COMPLETE RESPIRATOR / HELMET WEIGHT: 2,9 kg / 0,9 kg

SOUND LEVEL: 65 dBa

POWER: 7,4 V

BATTERY TYPE: Li-Ion

RECHARGING TIME: 3 h

RUNNING TIME: >8 h

AVAILABLE SIZES Adjustable headband

INGRESS PROTECTION RATING IP**: 65

*with battery fully charged and new filters

**Air system: blower unit, breathing tube, electric cord, filters

Kasco Srl

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