

KASCO



LIGHTWEIGHT, COMFORTABLE AND SAFE

KAIOS e-TA P3 POWERED RESPIRATOR

CONSTRUCTION-SANDBLASTING-STEEL INDUSTRY-FOUNDRY



KASCO SRL

Via Romania 12, 42124 – Reggio Emilia

www.kasco.eu +39 0522 308232

CE

KAIOS e-TA

PAPR with helmet
EPI Category III

- EN 12941:2009 TH3 P R SL
- EN 166 CL. 2
- EN 397
- Regulation (EU) 2016/425

KAIOS HELMET:

- **Fiberglass** (three layers)
- **White color**: to repel ultraviolet sun rays
- **Adjustable inner headband** (from 53 to 63 cm): to fasten the helmet to the forehead
- **Chin strap** included
- **Low noise** level

VISOR

- **Flip-up polycarbonate** visor
- **Anti-scratch** and **anti-fog** treatments
- **EN 166 (optical class 2)** certified
- Can withstands impact with particles (speed up to **120 m/s**)
- Compatible with neck headphones
- Built-in **airflow indicator**
- **Protective films** are available as an accessory

CHARGER:

- Fully recharged battery in just **3 hours**

The **KAIOS e-TA P3 (art. 0313307)** is a **compact (just 1,46 kg)** and fully **integrated** PAPR (NPF=500*) able to provide protection to the head, face, eyes and respiratory tract. Inspired filtered air is sent by a **brushless motor** unit -powered by a **Li-Ion battery**- to the inside of the helmet creating a slight overpressure. The continuous flow of air prevents visor misting and reduces breathing strain.

The blower unit and battery are built-in the helmet: this provides **freedom of movement** as no accessories need to be carried at the waist. Ideal for those who want to work without constraints and/or in tight spaces. No fit test required.

* Nominal protection factor according to EN 529:2006

e-TA MOTOR UNIT:

- Built-in on the back of the helmet: safe from exposure to materials or substances
- Long lasting **brushless motor**: **constant airflow 210 l/min****
- **Lithium battery**: built-in but easily replaceable. **Over 8 hours** of continuous running time**

FILTER:

- Protection **P3** (filtering efficiency 99.95% for particles not less than 0.3 Micron)
- **Rectangular shape**: large filtering surface
- Positioned on the back

COMPOSITION:

- 1 KAIOS e-TA Assembly
- 1 Charger
- 1 P3 Filter
- Use instructions
- Protective films (optional)

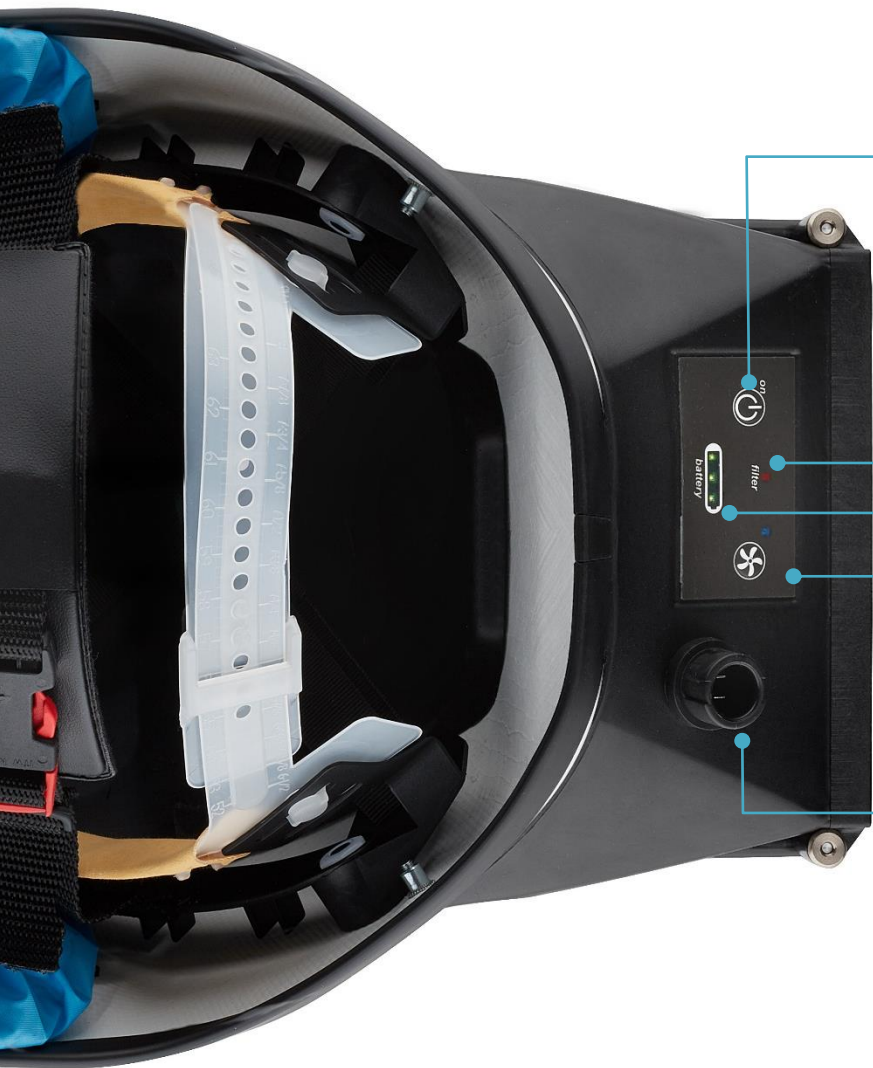


** With fully charged battery and clean P3 filter

KASCO SRL

Via Romania 12, 42124 – Reggio Emilia
www.kasco.eu +39 0522 308232





KEYPAD

POWER
On and off button

BATTERY ALARM
Led and acoustic for battery monitoring

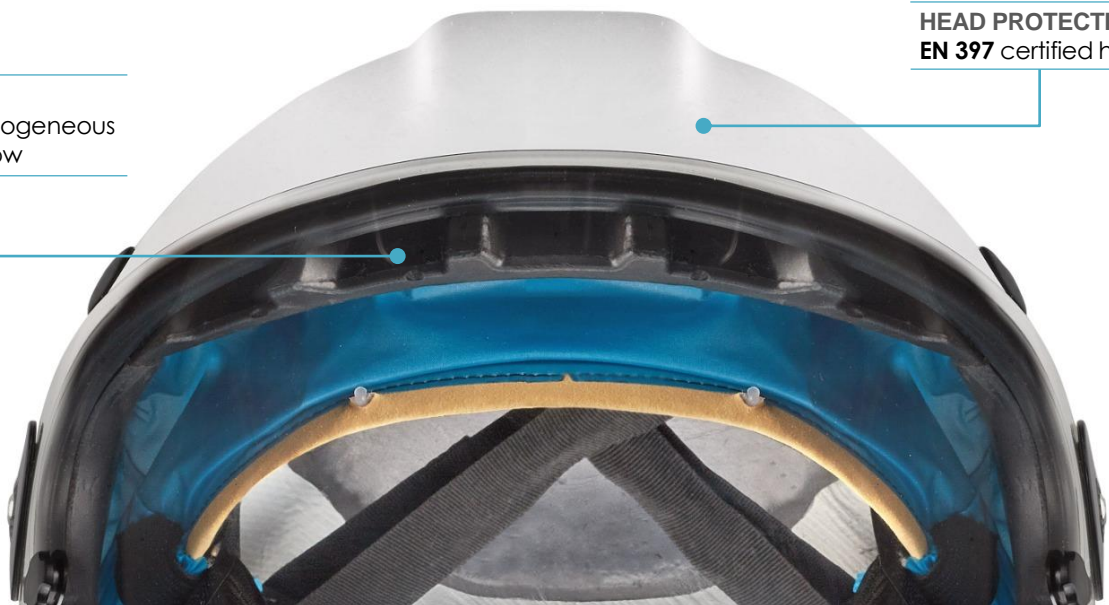
FILTER ALARM
Led and acoustic for filter monitoring

SETTING
Calibration test button

CHARGING SOCKET
Plug for battery charging

AIRFLOW
Designed for a homogeneous distribution of the flow

HEAD PROTECTION
EN 397 certified helmet



TECHNICAL FEATURES:

| SPECIFICATIONS | UM | Value | Notes |
|---|-------------------------------|--------|---|
| Weight (helmet) | | N/A | |
| Weight (full kit) | [kg] | 1,46 | |
| Constant Airflow at 20°C-60%UR | [l/min] | 170 | With fully charged battery and clean filter |
| Sound level (<75) | [dBA] | 67 | |
| Battery | Lithium-ion rechargeable 7,4V | | |
| Battery life | 2 years or 300 cycles | | |
| Battery running time | [h] | > 8 | |
| Recharging time | [h] | 3 | |
| Operating temperature | [°C] | 0 – 40 | |
| Operating humidity | [%] | < 80 | |
| Classification [EN12941] | TH3 P R SL | | Filtering efficiency P3 (99,95%) |
| Nominal Protection Factor (FPN) [EN529] | 500 | | |
| Head protection | EN 397 | | |
| Eyes protection | EN 166 CL.2 | | |

| COMPONENTS | Materials | Notes |
|-----------------|---------------|-------|
| e-TA motor unit | ABS | |
| Visor | Polycarbonate | |
| Collar | Polyamide | |
| Helmet shell | Fiberglass | |
| Inner shell | Polyurethane | |

APPLICATIONS:



- Sandblasting
- Fiberglass and minerals
- Solidified polyurethane
- Powder coating
- Steel industry
- Foundry

- Construction, building and renovation
- Cutting/polishing/grinding/drilling of concrete, plaster, stone, masonry
- Controlled demolition



- Chemical
- Pharmaceutical
- Food processing

KASCO SRL

Via Romania 12, 42124 – Reggio Emilia

www.kasco.eu +39 0522 308232

