

Occupational Safety Research Institute, v.v.i.

Jeruzalémská 1283/9, 110 00 Praha 1, Czech Republic
Notified Body 1024



EU TYPE-EXAMINATION CERTIFICATE No. 1024/E-067/2019

This EU type-examination certificate is issued to:

manufacturer: **optrel tec ag, Industriestrasse 2, CH-9630 Wattwil, Switzerland**
identification number: 756
PPE product: **Optrel e3000X**
type: **Powered filtering device e3000X**

- combined with helmets panoramaxx, panoramaxx hardhat, clearmaxx, clearmaxx hardhat, liteflip autopilot, liteflip autopilot hardhat, liteflip passive, liteflip passive hardhat, e684, e684 hardhat, e640, e650, e670, e680, e640 hardhat, e650 hardhat, e670 hardhat, e680 hardhat, crystal2.0, crystal2.0 hardhat, vegaview2.5, vegaview2.5 hardhat

It is certified that the manufacturer's technical file and above mentioned PPE product have been assessed and found to be in accordance with the essential health and safety requirements of Regulation (EU) 2016/425 of the European parliament and of the Council on personal protective equipment, as recorded in Report No. 1024/ZZ-055/2019, which is an integral part of this Certificate.

When examined the model was found to meet all of the relevant requirements of the appropriate harmonized standard(s):

EN 12941:1998 Respiratory protective devices. Powered filtering devices incorporating
EN 12941:1998/A1:2003 a helmet or a hood. Requirements, testing, marking.
EN 12941:1998/A2:2008 (idt. ČSN EN 12941:1999, Změna A1:2004, Změna A2:2009)

The certification was performed according to the certification scheme of Regulation (EU) 2016/425 Module B.

Marking and instructions have been assessed in the English language only.

Certificate is valid until 6. 8. 2024.

For and on behalf of Occupational Safety Research Institute
Notified Body No. 1024

Date of Issue: 6. 8. 2019



Ing. Jiří Tíjhon, Ph.D.

This certificate was issued in Czech and English versions. Both versions have the same validity.

Description and picture of the PPE product



e3000X



panoramaxx



clearmaxx



liteflip autopilot



panoramaxx hardhat



clearmaxx hardhat



liteflip autopilot hardhat



liteflip passive



liteflip passive hardhat



series e600 (e640, e650, e670, e680) and hardhat variants



crystal2.0



vegaview2.5



e684



crystal2.0 hardhat



vegaview2.5 hardhat



e684 hardhat

The powered filtering device e3000X equipped with a filter against particles is compatible with the helmets panoramaxx, panoramaxx hardhat, clearmaxx, clearmaxx hardhat, liteflip autopilot, liteflip autopilot hardhat, liteflip passive, liteflip passive hardhat, e684, e684 hardhat, e640, e650, e670, e680, e640 hardhat, e650 hardhat, e670 hardhat, e680 hardhat, crystal2.0, crystal2.0 hardhat, vegaview2.5, vegaview2.5 hardhat.

These combinations protect the respiratory system of a user against harmful aerosols in the air according to the instruction supplied by the manufacturer.

Combinations of blower e3000X with helmets	Classification
clearmaxx hardhat	TH1
e684 hardhat, crystal2.0 hardhat, panoramaxx hardhat, e640 hardhat, e650 hardhat, e670 hardhat, e680 hardhat, vegaview2.5 hardhat, liteflip autopilot hardhat, liteflip passive hardhat	TH2
e684, clearmaxx, crystal 2.0, panoramaxx, e640, e650, e670, e680, vegaview2.5, liteflip autopilot, liteflip passive	TH3

The unit optrel e3000 is produced in different colors (green, blue, red, black, white).

Optional an odor filter can be additional equipped to the particle filter.

The product is classified in category III and shall only be used in conjunction with conformity assessment procedure Module C2 within the meaning of Regulation (EU) 2016/425.



Graphical appearance of CE mark. In the event of the involvement of a notified body in the stage of manufacturing check (category III, Module C2 or D) its distinguishing number shall be added to CE mark.