



Optrel LiteFlip Autopilot

The LiteFlip Autopilot is a fully automatic helmet (no manual adjustment necessary) with flip-up function for a clear view. True-colour view, ADF with shade level range 4/5-14 with autopilot (automatic shade level adjustment), +/- 2 individual manual offset, sensitivity adjustment, and opening delay with or without twilight function.

Overview

Key Features

- Autopilot with shade levels 1/4/5-14
- Specially developed UV/IR filter allows a realistic perception of colours and at long last brings colour into the world of the welder
- Twilight ADF Technology restores light more naturally, presenting a smoother transition to the eyes
- Weighs 530g
- Compatible with Optrel e3000 PAPR respiratory system

Recommended Industries/Use

- Welding

Hazards

- Welding Flash

Regulations

- AS/NZS 1337 -
- AS/NZS 1338 -

Specifications

- Open/clear view: Shade level 1, Closed / inactive: Shade level 4, Closed / active: Shade levels 5-14

Autopilot

- Automatic shade level adjustment for shade level range 5 to 14 with individual calibration option of ± 2

Power supply

- Photovoltaic cell, 2 pcs batteries 3V exchangeable

Operating time batteries

- Approx. 3000 hours (operating)

Sensors

- 3 sensors

Sensitivity

- Infinite adjustment, new with "super high" range

Switching time

- Light to dark: 0.100ms at room temperature, 0.100ms at 55°C, Dark to light: from 0.3s to 1.5s (with twilight function)

Field of view

- Flip-up open: 82mm x 102mm, Flip-up closed: 50mm x 100mm

Shape stability

- Welding mask: up to 220°C, Front cover lens: up to 137°C

Eye protection

- Ultraviolet /Infrared Protection: maximum protection at any shade level

- Operating temperature: -10°C to 70°C
- Storage temperature: -20°C to 80°C
- Weight: Standard helmet: 530g
- PAPR helmet: 730g