

L-30

Laser Welding Helmet

Adjustable shade laser helmet

Redefining Laser Safety

Experience precision and protection with the L-30 advanced handheld laser welding helmet. Featuring an EN 207 certified filter and shell, it offers reliable defense against high-intensity laser radiation. With five adjustable shade settings (2.5–5) and a large 100 x 60mm viewing area, you'll get clear, comfortable visibility for every task.

The lightweight carbon fiber front shell provides all-day comfort with uncompromised safety, while the intuitive digital interface makes shade adjustments fast and easy. Built for both precision work and tough environments, this helmet sets a new standard in laser welding protection.



- Full EN 207 certifications for optical filter and shell
- Permanent laser protection
- 5-step Adjustable shade
- Carbon fibre front shell
- Carbon fibre filter bracket
- Multi-point adjustable headgear

To place your orders: Please contact ESAB Inside Sales
or your local ESAB Sales Representative



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SPECIFICATIONS

Cartridge Dimensions	114 x 133mm (4.5 x 5.25 in.)
Viewing Area	100 x 50 mm (3.93 x 1.96 in.)
Lens Shade	Adjustable: DIN 2.5 (VLT 25%); 3 (VLT 15%); 3.5 (VLT 10%); 4 (VLT 5%); 5 (VLT 2%)
Power Supply	Solar cell, Replaceable Battery (1*CR2450 lithium). Alerts when low battery.
Sensors	4
Switch Time, from Dark to Light	0.1-0.9 s
Switch Time, at 23°C	0.07 ms
Certification Mark & Standards - FILTER	16321 ESAB W2.5/3/3.5/4/5 V2 900-1080 D LB7 IR LB8 CE ESAB W2.5/3/3.5/4/5 S 900-1080 OD7 C5 PS3 ISO 19818-1 ESAB
Certification Mark & Standards - shell	16321 ESAB W15 900-1100nm D LB7 IR LB8 CE ESAB AS/NZS 1337.1 B 1000-1100 OD7 C5 PS3 ISO 19818-1 ESAB E
Warranty	2 years
Weight	648 g (1.4 lbs)

Handheld laser welding - 900-1100nm wavelength

Description	Item No.
L-30 Laser Welding Helmet	0700700100

Delivery includes: 1 Complete L-30 Laser Weldng Helmet; 2 Replacement Outer Lenses; 1 Storage bag

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