

WELDSAFE

ESAB L-30 LASER WELDING HELMET



Applications

- Portable laser welding

Key Features

- Full EN 207 certifications for optical filter and shell
- Permanent laser protection
- Adjustable darkening in 5 steps
- Carbon fiber front shell
- Carbon fiber filter holder
- Multi-point adjustable headgear
- Suitable for wavelengths from 900 to 1100 nm

Redefining Laser Safety

Experience precision and protection with the advanced L-30 portable laser welding helmet. With a filter and shell certified to EN 207, it provides reliable protection against high-intensity laser radiation. Five adjustable darkening options (2.5–5) and a large viewing area of 100 x 60 mm (3.94 x 2.36 in) ensure clear and comfortable visibility for every task. The lightweight carbon fiber front shell offers all-day comfort with absolute safety, while the

intuitive digital interface allows quick adjustment of shading. Designed for both precision work and demanding environments, this helmet sets a new standard in laser welding protection.

Specifications

Specification	Details
Viewing Area	100 x 60 mm (3.93 x 2.36 in)
Shade Adjustment	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). Low battery warning.
Filter Certification	EN ISO 16321 ESAB W2.5/3/3.5/4/5 V2; EN 207 900–1080 D LB7 IR LB8 CE; AS/NZS ESAB W2.5/3/3.5/4/5 S 900–1080 OD7 C5 PS3 ISO 19818-1 ESAB
Shell Certification	EN ISO 16321 ESAB W15; EN 207 900– 1100 nm D LB7 IR LB8 CE; AS/NZS 1337.1 B 1000–1100 OD7 C5 PS3 ISO 19818-1 ESAB E
Warranty	2 years
Weight	648 g (1.4 lbs)

Ordering Information

L-30 Laser Welding Helmet: 0700700100

Includes: 1 complete L-30 laser welding helmet; 2 spare outer lenses; 1 storage bag

Wear and Spare Parts

Item	Description	Part Number
1	Outer protective lens L-30	0700700102
2	Inner protective lens L-30	0700700103
3	Helmet L-30	0700700101

