SENTINEL A60 AIR

Auto-Darkening Welding Helmet for PAPR Systems





Sentinel A60 Air

Welding Processes

- Oxy Fuel Cutting
- Plasma Cutting
- Grinding
- Welding, GMAW (MIG/MAG)
- Welding, GTAW (TIG)
- Welding, PAW -Plasma Arc Welding
- Welding, SMAW/MMA (Stick)

The Sentinel A60 Air welding helmet builds on the advancements of the standard Sentinel A60, taking your welding to the next level. A large panoramic view and perfect 1/1/1/1 EN optical clarity provide an even wider view of the weld pool without any distortion.

The reengineered auto-darkening filter (ADF) features new OpTCS™ broad-spectrum light control technology from ESAB, giving you an enhanced True Colour view with reduced eye fatigue for the most demanding days on the job. New 0.5 increment shade adjustments give you more precise control of your view.

The shell retains the signature Sentinel design, and incorporates a new air diffusor screen. A fully-adjustable Halo™ headgear, and external grind mode button complete the most comfortable, highest performance helmet ESAB has ever produced.

- ADF viewing area: 118 x 71 mm (4.65 x 2.80 in.) and intuitive internal ADF controls including sensitivity and delay
- Shade range: DIN 3 / 5–13, adjustable in 0.5 increments and ADF shade lock setting
- ESAB OpTCS True Colour Lens Technology
- On-board memory for up to 9 settings
- Arc sensors: 4
- Fast switching time of 0.04 milliseconds
- Replaceable CR2450 battery
- Low battery, grind mode and shade lock LEDs

Visit **esab.com** for more information.



Advanced CE 1/1/1/1 ADF technology with a simple interface and clear graphic display.





Compact shell with optional ambercoloured protective outer lens.

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| Specifications | |
|-------------------------------|--|
| Viewing Area | 118 x 71 mm |
| Active Lens Shade | 5–13 (Adjustable in 0.5 shade increments) |
| Passive Lens Shade | 3 |
| Power Supply | 2 CR2450 batteries, replaceable |
| Arc Sensors | 4 |
| Switch Time (Light to Dark) | 0.04 millisecond |
| Switch Time (Dark to Light) | Digitally adjustable from 0.1 to 0.9 second |
| CE Optical Classification | 1/1/1/1 |
| Standards and Certifications* | CE: EN175; EN379; EN166 ANSI: Z87.1 CSA: Z94.3 AS/NZS 1338.1 ISO 16321 +TIG EN 12941 TH3 (with EPRX1 PAPR) |
| Weight | 860 g |

^{*} Certified only for use with EPR-X1 (0700500900), EPR-X1.1 (0700500920) and ESAB PAPR (0700002300; 0700002301) PAPR systems .

| Ordering Information | | |
|-------------------------|-------------|--|
| Description | Part Number | |
| Sentinel A60 AIR Helmet | 0700600861 | |
| EPR-X1.1 PAPR system | 0700500920 | |

Delivery includes: Full helmet assembly, 2 replacement inner lenses, 4 replacement outer lenses, carry bag, durag and safety manual.

| Spa | Spare Parts | | |
|-----|--|-----------------------------------|--|
| 1 | Sentinel A60 Front Cover Lens – Clear | 0700600880 | |
| 1 | Sentinel A60 Front Cover Lens – Amber | 0700600881 | |
| 1 | Sentinel A60 Front Cover Lens - Clear HC * | 0700600882 | |
| 1 | Sentinel A60 Front Cover Lens – Amber HC * | 0700600883 | |
| 2 | Sentinel A60 Air Helmet Shell | 0700600864 | |
| 3 | CR2450 Coin Batteries (2) | Available separately | |
| 4 | Sentinel A60 Auto Darkening Filter ADF (excl. batteries) | 0700600865 | |
| 5 | Sentinel A60 Inside Cover Lens | 0700600866 | |
| 6 | Magnifier Lens Frame | Provided with each magnifier lens | |
| 7 | Sentinel A60 Air Halo Headgear | 0700600868 | |
| 8 | Sentinel A60 Face Seal | 0700600870 | |
| 9 | Sentinel A60 Air Mesh Air Diffusor | 0700600876 | |
| 10 | Sentinel A60 Occipital Pad (3 per pack) | 0700600884 | |
| | Savage A50 LUX / Sentinel A60 Front Sweat Band | 0700600869 | |
| | Sentinel A60 Magnifying Lens +1.0 diopter ** | 0700600872 | |
| | Sentinel A60 Magnifying Lens +1.5 diopter ** | 0700600873 | |
| | Sentinel A60 Magnifying Lens +2.0 diopter ** | 0700600874 | |
| | Sentinel A60 Magnifying Lens +2.5 diopter ** | 0700600875 | |

^{*} HC Lenses include an anti-scratch hard coat for longer life.

^{**} Magnifying Lenses are optional accessories not included with the complete helmet. The magnifier bracket is included with these lenses.

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