



WELDING HELMETS

ESAB

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WELDING HELMET

SWARM A20

The lightweight SWARM A20 welding helmet is a heavyweight when it comes to performance and flexibility. Using an advanced auto-darkening filter (ADF), SWARM A20's externally selectable shade range from 9–13 tackles the most demanding welding applications. A handy grind setting, also found on the external knob, allows quick attention to finishing work. Further adjustments to delay and sensitivity settings can be made easily with dials inside the helmet.



SPECIFICATIONS

Viewing Area 93 x 43 mm

Active Lens Shade (Adjustable) 9 –13

Passive Lens Shade 4

Power Supply 1 x CR2032 battery, replaceable

Arc Sensors 2

Switch Time (Light to Dark) 0.1 ms

CE Optical Classification 1/1/1/2

Standards and Certifications CE: EN175; EN379; EN166; ANSI: Z87.1; CSA: Z94.3

Weight 520g

ORDER INFORMATION

SWARM A20 Welding Helmet: Part No. 0700102010



WELDING HELMET

G30/G30 Air

The G30 is a unique design in flip front welding and grinding helmets. The visor provides effective protection from UV and IR radiation when the visor is both open and closed, and is available in different shade levels. The helmet is equipped with a strong and comfortable head gear.



SPECIFICATIONS

Viewing Area 155 mm x 170 mm (large visor)
Large Inner Lens DIN Options Clear, DIN 2, DIN 3, DIN 5
Outer Flip Visor DIN Options DIN 5, DIN 8, DIN 10
Standards CE, ANSI, CSA, ASNZS, EN12941 Class TH3 P R SL
Weight – G30 570g
Weight – G30 Air 730g

ORDER INFORMATION

G30 DIN 10 Welding Helmet: Part No. 0700000430
G30 Air DIN 10: Part No. 0700000433
EPR-X1.1 PAPR system: Part No. 0700500920



WELDING HELMET

G40/G40 Air G50/G50 Air

G40 & G50 is a combined welding and grinding helmet of which the G40 houses a passive mineral glass and the G50 houses an ADF Automatic Darkening Filter, shade levels DIN 9-13, and with flip-up visor. The large plastic lens gives the welder an unobstructed field of view when the visor is flipped up. The helmets are rated B in the impact resistance classification, which means they are approved for grinding.



SPECIFICATIONS

| Model | G40 | G50 |
|---------------------------|--------------------------|-------------------------------|
| Viewing Area | 60 x 110 / 90 x 110 mm | 97 x 47 mm |
| Lens Shade | DIN 10 | 9 -13 Automatic |
| Power Supply | - | Solar cell, no battery change |
| Standards | EN12941 Class TH3 P R SL | EN12941 Class TH3 P R SL |
| Classification | - | 1/1/1/2 |
| Weight Standard Helmet | 700 g | 730 g |
| Weight Air Version Helmet | 870 g | 890 g |

ORDER INFORMATION

G50 9-13 0700000438 G40 Air: Part No. 0700000440

G50 Air 9-13 Prepared for fresh air (incl. air duct and face seal) Part No. 0700000441

EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920



WELDING HELMET

SAVAGE A40

The SAVAGE A40 helmet has been designed to meet the needs of a variety of welders, providing a high tech lightweight shell to protect from heat, sparks and spatter. Utilising the latest ADF technology, the welding lens gives a high clarity of view with True Colour, resulting in an excellent optical quality. The SAVAGE A40 helmet provides ideal functionality, performance and comfort to the occasional welder, maintenance and construction workers through to the professional welder.



SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade DIN 4, 9 -13 Automatic

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

Classification 1/1/1/2

Standards CE EN379, EN175, ANSI, CSA, & AS/NZS

Weight 500g

ORDER INFORMATION

Savage A40 9-13 Black: Part No. 0700000490

Savage A40 9-13 Yellow: Part No. 0700000491



WELDING HELMET

SAVAGE A40 Air

Combined with ESAB PAPR (available separately) the SAVAGE A40 Air delivers uncompromising protective performance for all welding activities. The PAPR system provides user-selectable airflow control to deliver TH2-level filtration performance for fine particulates. The welding experience is further enhanced with SAVAGE A40's state-of-the-art ADF light filtration, offering True Colour viewing of the weld pool and full user-adjustable controls for shade, delay and sensitivity. An easy-to-access grind mode button allows fast switching between grinding and welding. The SAVAGE A40 Air checks all the boxes for the serious and professional welder



SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade 9 -13 Automatic

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

Classification 1/1/1/2

Standards CE EN379, EN175, EN12941, ANSI Z87.1 , CSA Z94.3, & AS/NZS 1338.1

Weight 700g

ORDER INFORMATION

SAVAGE A40 Air, Replaceable Battery, Black: Part No. 0700500400

EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920



WELDING HELMET

SAVAGE A50 LUX/A50Air

The Savage A50 LUX has the performance to deliver advanced OpTCS™ true-colour viewing at a flawless EN 1/1/1/1 optical level. The ADF features a simple, intuitive control panel that offers control over the most critical features related to all types of welding, with wide shade selection 5-steps of delay and sensitivity. Adding to the Savage A50 LUX's versatility, is a 50-lumen, dual LED work-light, integrated behind the moulded front cover lens. The work-light is powered by it's own "AA" battery, which offers long life using the integrated arc sensor, shutting the light off only when an arc or intense light is detected. The Halo™ headgear found in the Savage A50 LUX, is the same 5-point adjustable solution offered in the Seintinel A60.



SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade DIN 4, 9 -13 Automatic

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

Classification 1/1/1/1

50-lumen, dual LED work-light

Standards CE EN379, EN175, ANSI, CSA, & AS/NZS

Weight 500g

ORDER INFORMATION

Savage A50 LUX: Part No. 0700500950

Savage A50 LUX Air: Part No. 0700500951

EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920



WELDING HELMET

SENTINEL A60

Sentinel A60 welding helmet is taking your welding to the next level with a huge panoramic view and perfect 1/1/1/1 EN optical clarity. Now you'll have an even wider view of the weld pool without any distortion. The reengineered auto-darkening filter (ADF) features a new ESAB OpTCS™ broad-spectrum light control technology from ESAB. This delivers 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 signature shell design of Sentinel, fully-adjustable Halo™ headgear, and external grind mode button complete the most comfortable, highest performance helmet ESAB has ever produced.



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) - 1/25,000 second

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

Weight - 644g

ORDER INFORMATION

Sentinel A60 Helmet: Part No. 0700600860



WELDING HELMET

SENTINEL A60 Air

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 OptTCS™ 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. Fully adjustable Halo™ headgear, external grind mode button and the most comfortable, highest performance helmet ESAB has ever produced.



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) - 1/25,000 second

Switch Time (Dark to Light) - Digitally adjustable from 0.1 to 0.9 second

CEOptical 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

Weight - 860g

ORDER INFORMATION

Sentinel A60 Helmet: Part No. 0700600861

EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920



PAPR SYSTEM

EPR X1.1

ESAB's EPR-X1.1 PAPR unit connects seamlessly with all current ESAB prepared for air welding helmets and provides advanced respiratory protection from harmful welding fume particulates. This PAPR is designed for applications ranging from occasional use to full-time industrial applications. The EPR-X1.1 offers a robust, compact housing with a powerful blower to ensure maximum life and performance. Check your battery status, fan settings and filter conditions at a glance with quick-access status LED lights. Additionally, the PAPR provides audible and vibratory alerts to notify the user of low air flow (indicating a needed filter change) and low battery conditions.



SPECIFICATIONS

| | |
|------------------|--|
| Air Flow | Selectable 170; 190; 210 l/min (6 - 7.8 cfm) |
| Battery Time | Up to 10h @ 170 l/min (7.8 cfm) |
| Filter | P3 filter and pre-filter with replaceable spark arrestor |
| Certifications | CE EN12941 TH3 P |
| Dimensions LxHxW | 210 x 169 x 78 mm |
| Weight | 1 kg (2.2 lbs) |

Combined Gas Filter

| | |
|------------------|---|
| Air Flow | 170 l/min |
| Certifications | CE EN12941:1998/A2:2008 TH3A1B1E1P R SL |
| Dimensions LxHxW | 207 x 101 x 89 mm |
| Weight | 550 g |



ORDER INFORMATION

EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920

EPR-X1.1 Combined Gas Filter A1B1E1 and P3: Part No. 0700500914



WELDING HELMET SPARES

| Swarm A20 | Item No. | MOQ |
|--|------------|-----|
| Swarm A10 / A20 Headgear | 0700102005 | 1 |
| Swarm A10 / A20 / A30 Front Cover Lens | 0700102004 | 5 |
| Swarm A10 / A20 Inner Cover Lens | 0700102008 | 5 |

| G30 | Item No. | MOQ |
|-----------------------------|------------|-----|
| Large inner Visor G30 DIN 2 | 0700000502 | 1 |
| Large inner Visor G30 DIN 3 | 0700000503 | 1 |
| Large inner Visor G30 DIN 5 | 0700000504 | 1 |
| Outer Flip Visor G30 Din 5 | 0700000505 | 1 |
| Outer Flip Visor G30 Din 8 | 0700000506 | 1 |
| Outer Flip Visor G30 Din 10 | 0700000507 | 1 |

| G50 | Item No. | MOQ |
|--|------------|-----|
| Large inner Visor G30, G40 & G50 - Clear | 0700000501 | 1 |
| Front Cover Lens G40 & G50 | 0700000517 | 10 |

| G30, G40, G50 Air | Item No. | MOQ |
|---------------------------------|------------|-----|
| Head & Face Seal G30, G40 & G50 | 0700000512 | 1 |

| Savage A40 | Item No. | MOQ |
|-----------------------|------------|-----|
| Front cover lens, | 0700000010 | 10 |
| Inside Cover Lens | 0700000482 | 10 |
| Savage A40 Air | | |
| Face Seal | 0700500405 | 1 |

| Savage A50 Lux | Item No. | MOQ |
|--|------------|-----|
| Savage A50 LUX Front Cover Lens Clear | 0700500953 | 5 |
| Savage A50 LUX Front Cover Lens Clear HD | 0700500954 | 5 |
| Savage A50 LUX Inner Cover Lens | 0700500955 | 5 |
| Savage A50 Lux Air | | |
| Savage A50 LUX Air face seal | 0700500960 | 1 |

| Sentinel A60 | Item No. | MOQ |
|---|------------|-----|
| Sentinel A60 Front Cover Lens - Clear | 0700600880 | 2 |
| Sentinel A60 Front Cover Lens - Amber | 0700600881 | 2 |
| Sentinel A60 Front Cover Lens -Clear HC* | 0700600882 | 2 |
| Sentinel A60 Front Cover Lens - Amber HC* | 0700600883 | 2 |
| Sentinel A60 Inside Cover Lens | 0700600866 | 5 |
| Sentinel A60 Air | | |
| Sentinel A60 Face Seal | 0700600870 | 1 |

For more information please visit esab.com

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