



WELDING HELMETS

# ESAB

WELDING HELMETS



# WELDING HELMET

## L-30 LASER

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 60 mm 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.



### SPECIFICATIONS

Viewing Area 100 x 60 mm

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.

Certification - FILTER: 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

Certification - SHELL: EN ISO 16321 ESAB W15 EN 207 900-1100nm D LB7 IR LB8 CE ESAB AS/NZS 1337.1 B 1000-1100 OD7 C5 PS3 ISO 19818-1 ESAB E

Weight 648g

### ORDER INFORMATION

**L-30 Laser Welding Helmet: Part No. 0700700100**



# 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 A41

The Savage A41 welding helmet improves on the legendary Savage A40 with an updated digital user interface, streamlined external grind button and wider shade range. Using cues from ESAB's Sentinel A60 and Savage A50LUX, the Savage A41 user interface now includes a clear and simple digital push-button UI, with precise setting feedback using a multi-color LED display so you know the exact shade, delay and sensitivity setting you have selected. The Savage A41 retains all the other performance aspects from Savage A40, including fantastic true color technology, excellent optical characteristics, housed in our distinctive shell design.



### SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade DIN 4, 8 -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 8-13 Black: Part No. 0700504100**

**Savage A40 8-13 Yellow: Part No. 0700504101**



# WELDING HELMET

## SAVAGE A41 Air

The Savage A41 Air incorporates an updated digital user interface with an extended shade range from shade 8 to 13, covering all of the essential welding applications. The simple push button control panel makes it easy to select the exact shade, sensitivity and delay settings needed for the most challenging welding process. An external grind button locks the ADF to the passive shade 4 setting for quick grinding / finishing work without the need to remove the helmet. Pairing the helmet to ESAB's EPR-X1.1 PAPR system delivers TH3 level particulate protection, and the option to add A1B1E1 gas filtration with the available gas filter. The helmet's ventilation system drafts the air from the top of the headgear, providing a comfortable airflow during long welding hours.



### SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade 8 -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. 0700504102**

**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 60 mm

Lens Shade DIN 3, 5 -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 575g / Air Version 791g

### 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/A60 AIR

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 / Air Version 860g

### ORDER INFORMATION

**Sentinel A60: Part No. 0700600860**

**Sentinel A60 Air: Part No. 0700600861**

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



# WELDING HELMET

## SENTINEL A70 PRO

The Sentinel A70 PRO is built for the realities of heavy industry, long shifts, harsh conditions, and nonstop sparks. A wide-open view and precise digital control put you in command, while the flip-up design and oversized grinding shield keep you working without missing a beat.

A wide-view ADF with a 3/5–13 adjustable shade range keeps you in control.

For low-light conditions, the 50-lumen LED work light improves visibility, and Bluetooth connectivity through the ESAB Helmet Connect app provides digital control and customization.



### SPECIFICATIONS

Viewing Area - 123 x 75 mm

Active Lens Shade 5 –13 (Adjustable in 0.5 shade increments)

Passive Lens Shade - 3

Power Supply - Rechargeable Lithium Battery

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

CEOptical Classification - EN ISO V1

Standards and Certifications CE: ISO 16321 | ANSI: Z87.1 | CSA: Z94.3 | AS/NZS 1338.1

Weight - 920g



REMOVEABLE ADF



### ORDER INFORMATION

**Sentinel A70 PRO: Part No. 0700900700**



# WELDING HELMET

## SENTINEL A70 PRO AIR

The Sentinel A70 Air PRO combines the rugged performance of the A70 PRO with the highest level of respiratory protection. Featuring an integrated air duct system, the helmet connects to ESAB's EPR-X1.1 PAPR to deliver EN 12941 TH3P-certified filtration, ensuring a clean, reliable air supply in the toughest welding environments.

A wide-view ADF with a 3/5–13 adjustable shade range keeps you in control, while the flip-up design and oversized grinding shield let you switch seamlessly between tasks. For low-light conditions, the 50-lumen LED work light improves visibility, and Bluetooth connectivity through the ESAB Helmet Connect app provides digital control and customization.



### SPECIFICATIONS

Viewing Area - 123 x 75 mm

Active Lens Shade 5 –13 (Adjustable in 0.5 shade increments)

Passive Lens Shade - 3

Power Supply - Rechargeable Lithium Battery

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

CEOptical Classification - EN ISO V1

Standards and Certifications CE: ISO 16321 | ANSI: Z87.1 | CSA: Z94.3 | AS/NZS 1338.1

Weight - 1200g



REMOVEABLE ADF



### ORDER INFORMATION

**Sentinel A70 PRO Air: Part No. 0700900701**

**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

L-30 Laser	Item No.	MOQ
L-30 Outer Protective Lens	0700700102	1
L-30 Inner Protective Lens	0700700103	1
L-30 Headgear	0700700101	1

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 A41	Item No.	MOQ
Front cover lens,	0700000010	10
Inside Cover Lens	0700000482	10

Savage A41Air	Item No.	MOQ
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	Item No.	MOQ
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

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

Sentinel A70 PRO	Item No.	MOQ
Sentinel A70 PRO Outer cover lens retainer	0700900702	1
Sentinel A70 PRO Outer cover lens	0700900703	5
Sentinel A70 PRO ADF Flip shell	0700900704	1
Sentinel A70 PRO ADF (digital dial and battery not included)	0700900705	1
Sentinel A70 PRO ADF external digital dial and battery assembly	0700900706	1
Sentinel A70 PRO inner cover lens	0700900707	5
Sentinel A70 PRO LED light cover lens	0700900708	5
Sentinel A70 PRO LED light kit (with USB-C cable)	0700900709	1
Sentinel A70 PRO Grind protect lens	0700900710	1
Sentinel A70 PRO main shell	0700900711	1
Sentinel A70 PRO headgear	0700900713	1
Sentinel A60/A70, Savage A50 LUX Front Sweat Band	0700600869	1
Sentinel occipital pad	0700600884	3
Sentinel A70 PRO LED light power kit (battery housing)	0700900714	1
Sentinel A70 PRO FR rear head and shoulder cover	0700900716	1
Sentinel A70 PRO split leather rear head and shoulder cover (optional)	0700900717	1
Sentinel A70 PRO front neck protector (FR)	0700900718	1
Sentinel A70 PRO split leather front neck and chest protector (optional)	0700900719	1
Sentinel A70 PRO Air		
Sentinel A70 Air PRO face seal	0700900720	1
Sentinel A70 Air PRO T-link with short hose	0700900715	1





## UNRIVALED SERVICE AND SUPPORT.

All **ESAB** products are backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with the maintenance and upgrading of your machines. And our products are backed with the most comprehensive warranty in the business.

With **ESAB**, you can be sure you purchased a product that will meet your needs today and in the future. Product and process training is also available. Ask your **ESAB** sales representative or distributor for a complete **ESAB** solution.

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