

Origo™-Tech 9-13 Welding Helmet Variable Shade ADF



The new, stylish high-tech helmet design from ESAB. The new shell is available in 2 striking high gloss colors, yellow or black. The helmet features the ESAB comfort headgear, while the lightweight shell offers superior face, head, ear and neck protection, which allows for welding in all positions.

The ESAB variable shade ADF uses the latest technology and has proven reliability. The ADF is screw retained and sits in a fully moulded light seal cradle, which also creates a slight convex curve on the front spatter lens for extra security and strength. The helmet is delivered in an ESAB display box, fully assembled and ready to use. ESAB's series of Origo™-Tech helmets are ANSI approved.



Features and Benefits

- + Full Face Protection – Offering protection to the face, chin, throat & head area, providing complete facial coverage from sparks, heat and radiation
- + Flat Top Brow – This allows for easy put downs, and will help to reduce scratching of the outer lens
- + High Gloss Finish – With strong visual impact & styling the shell can also be easily wiped of dust and dirt
- + Extremely Reliable – The helmet functions on an extremely reliable ADF filter, which is always active, with no On/Off switch
- + Solar Cell Technology – The ADF uses solar cell technology which means there is no battery change needed.
- + Light Seal Cradle - The new Light Seal Cradle not only shuts out any Welding Arc Light, but it also introduces a Convex curve to the front spatter lens. This provides extra security and strength and a healthy air gap for the ADF.
- + 4 Position Settings – This ensures the wearer has the perfect fit across the head area
- + Large Rear Adjustment Knob – This allows the wearer to adjust while wearing thick welding gauntlets
- + High Quality Sweat Band – This offers increased comfort to the wearer
- + Robust Nylon Construction – This strong material provides a firm foundation for the helmet shell, and is extremely durable
- + Rear Pivot Pad – This allows for the perfect head fit, and highly adaptable to all head shapes
- + ESAB's series of Origo™-Tech helmets are ANSI approved.

Technical Specifications

Viewing Area	3.77 x 1.65 in (96 x 42 mm)
Weight	1.15 lbs (525 g)
Open State Shade	4
Closed State Shade	9 - 13
Shade Adjustment	External Potentiometer
Sensitivity Adjustment	Internal Variable
Delay Adjustment	Internal Variable
Switching Time at 23°F (-5°C)	0.0008 ms
Switching Time at 77°F (+25°C)	0.0005 ms
Switching Time at 131°F (+55°C)	0.0002 ms
Clearing Time	0.1 - 1.0 s
UV / IR Protection	UV15 / IR14
Temperature Range	23° - 131°F (-5° - +55°C)
TIG Detection	>20 amps
Energy Supply	Solar Cells Requires No Battery Charge



Ordering Information

Origo™-Tech 9-13

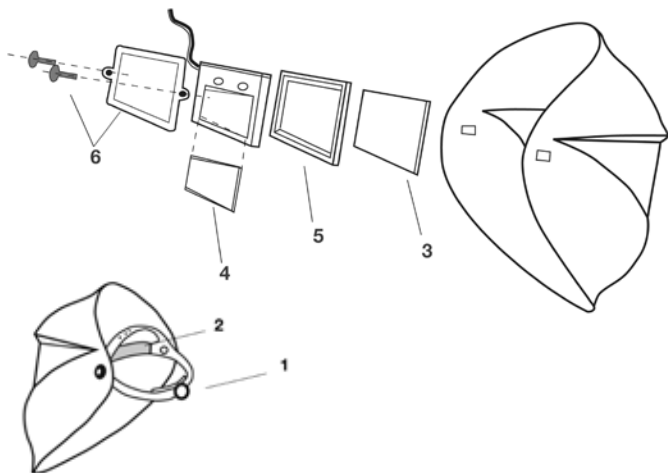
The Origo™-Tech 9-13 features an external shade adjustment between DIN 9 and DIN 13. The delay and sensitivity can be adjusted from the inside. The Origo™-Tech is suitable for MIG / MAG, MMA and TIG (over 20 amps).

Origo™-Tech 9-13 Black0700 000 296
 Origo™-Tech 9-13 Yellow.....0700 000 298



Wear Parts

- | | |
|---------------------------------------|--------------|
| 1 ESAB Head Gear Pro | 0700 000 243 |
| 2 Sweat Band Head Gear Pro | 0700 000 244 |
| 3 Front Cover Lens Origo™-Tech | 0700 000 245 |
| 4 Inside Cover Lens Origo™-Tech | 0700 000 246 |
| 5 ESAB 9-13 ADF Cradle | 0700 000 235 |
| 6 Lens Retainer with Screws | 0700 000 237 |



Unrivalled service and support

Our commitment and ability to deliver the expected service and support starts immediately after the order is confirmed. We strive to offer our customers an After Sales service which is second to none. A strong and skillful service organization is prepared to offer service and maintenance, calibration, validation, and upgrading of equipment and software.

The service organization will offer standardized solutions for the reconditioning or modification of existing products.

Spare and wear parts are manufactured according to ESAB's quality plan. Exchange Printed Circuit Board (PCB), exchange modules, and components are available for all our products in order to reduce downtime to an absolute minimum. ESAB is continuously upgrading authorized service partners for local service support. Customers who have their own service and maintenance personnel will always be offered a service-training package as part of a total ESAB offering. However, product and process training for end-users will form an additional part of the ESAB offering. Always ask your ESAB sales representative or distributor for a complete ESAB solution.



ESAB North America

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Origo™-Tech Helmet worksheet

Product Description	Part Number	Quantity	Price
Origo™-Tech 9-13			
Origo™-Tech 9-13 Black	0700 000 296		
Origo™-Tech 9-13 Yellow	0700 000 298		
Wear Parts			
ESAB Head Gear Pro	0700 000 243		
Sweat Band Head Gear Pro	0700 000 244		
Front Cover Lens Origo™-Tech	0700 000 245		
Inside Cover Lens Origo™-Tech	0700 000 246		
ESAB 9-13 ADF Cradle	0700 000 235		
Lens Retainer with Screws	0700 000 237		



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