

OHE550D. Auto-Darkening Digital Welding Helmet.



Decals are available
at shop.messer-ca.com

Description

A new designed modern looking welding helmet equipped with an improved new digital ADF, suitable for most welding applications supplied with a new dual strap headgear,

The welding helmet is the latest addition under the ClearView brand, fully tested and certified to EN 175B, ANSI/ISEA Z87.1-2015, CSA Z94.3-15 shell and auto darkening filter (ADF) tested to EN379:2009-07, ANSI Z87.1-2010 & CSA Z94.3-2007 – with external grind function. This allows the operator to use this helmet for various welding applications including pre and post welding applications. By simply pressing the external grind button the ADF will allow the user to use this helmet for deburring or grinding operations. The ADF retainer allows easy fitting of a magnification lens. The helmet is made of High Impact Resistant Nylon (PA).

Recommended filter shades for arc welding

Shade 10*	Less than 150 amps
Shade 11*	150 to 250 amps
Shade 12*	250 to 300 amps
Shade 13*	above 300 Amp

* Use one shade darker for Aluminium & Stainless Steel welding applications

Lens Control

The OHE550D ADF has autodetect and will switch on automatically as soon as it detects the welding arc. If not used the unit will switch off after 15 minutes. The digital display is easy to use with intuitive navigation button. When striking the (external) Grind button the ADF will lock in SH4, if pressed down again it will resume to previous selected functions. Shade 5-8/9-13, delay and sensitivity can be tuned to suit users preferences. The display will light for 2-3 seconds – thereafter it will switch off to protect excessive battery consumption.

Range of applications

- Suitable for MMA (Stick Electrode) welding applications
- Grinding
- MIG/MAG
- Not suitable for Laser welding applications.
- TIG >2Amp

Low battery indicator

The OHE550D is equipped with 1 x CR2450 replaceable battery and solar panel; if the low battery indicator starts flashing (red LED) it is recommended to replace the CR2450 battery within 2-3 days. The battery is located behind the Grind button.

Information

The OHE550D welding helmets afford reliable protection for the eyes when electric arc welding. They offer permanent protection against UV/IR rays (SH13), heat & sparks in any state from the clear to dark. The protection shades of the OHE550D welding helmets have been chosen to avoid eye damage caused by the welding arc. Do not look directly at welding rays with unprotected eyes when the arc strikes. This can cause a painful inflammation of the cornea and irreparable damage to the lens of the eye leading to cataracts.

The OHE550D welding helmets allow the welder to see the point of arc strike more precisely. This leads to a real time saving. The helmet does not have to be flipped up and down during welding, both hands are kept free and because of the helmets lightweight fatigue is reduced.

Technical Specification

Part #	11346280
Outer lens	125mm x 142mm (4.92" x 5.59")
Inner lens	100 mm x 90mm (3.94" x 3.54")
Viewing Area	98mm x 89mm / 3.86" x 3.50"
ADF Class	Digital 1/1/1/2
UV/IR Protection	Permanent Shade DIN 13
Light State	Shade DIN 4
Dark State	DIGITAL 5-8/9-13
Sensors	4
Grinding	YES
Sensitivity Control	DIGITAL (1-9)
Delay Control	DIGITAL (1-9) 0.1-0.9S
TIG Rating	>2 Amp
Battery Type	1 x CR 2450 (Lithium 3 Volt)
Solar Cell	Yes
Operation Temperature	-5°C to +55°C (23° F to 131° F)
Storage Temperature	-20°C to +70°C (-4° F to 158° F)
Standards Compliance	ANSI Z87.1-2010 Et CSA Z94.3-2007Et CE EN379:2009-07
Weight	597 g

Marking on Welding Helmet OHE550D

ADF	MG Z87 W4/5-8/9-13 CSA Z94.3-15
MG	Manufacturer Identification
Z87	ANSI conformity standard
W4	Light State scale number
5-8	Lightest dark state scale number
9-13	Darkest state scale number
Z94.3	CSA conformity standard

Spare parts for Welding Helmet OHE550D

11349189	ClearVIEW spare ADF
11349190	ClearVIEW headgear dual strap OHE550D
11349191	ClearVIEW outside prot lens OHE550D 5/P
11349193	ClearVIEW inside prot. Lens OHE550D 5/P



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