



MASTR | LASER WELDING HELMET





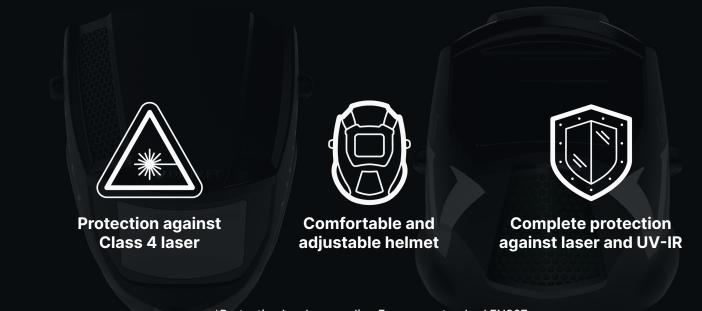
MASTR LASER WELDING HELMET

The Univet "MASTR" laser welding helmet is specifically designed to protect against the scattered and diffused light generated during welding processes performed with hand-held laser systems emitting in the near infrared.

This complete solution is a union of a helmet shell made in a special compound material, a laser protective filter and a welding auto darkening filter. It is able to shield the eye and the face of the user from diffused laser light and from optical radiations generated during the welding process



- Designed for hand-held laser welding systems
- Extended protection for both eyes and face
- Shell entirely made in a special plastic compound, able to resist against laser radiation*
- Laser protective filter with wide absorbtion range, which guarantees the visibility of major laser aiming beams (630-670nm)
- Auto-darkening welding filter (ADF) with digital controls and shade '3' light state
- Weight 700g for maximum comfort during long-term use
- Regulation system to adjust helmet height and inclination. Fully adjustable headgear



*Protection levels according European standard EN207 are reported in the technical specification table

SPECIFICATIONS TABLE

HELMET		
Material	Fully adjustable headgear	Replaceable front shield
Special plastic compound	Yes	Yes
ADF - AUTO DARKENING FILTER		
Filter dimensions	View area	CE classification
110 x 90 x 9 mm	100 x 53 mm	W3 / 4-8 / 9-13 V2
Sensors	Light shade number	Dark shade number
4	3 ^{(*) (*)} 4 when laser filter is mounted	Variable, 4-8 / 9-13
Shade control	Switching time	Sensitivity control
Digital	40 µs	Digital
Delay time control	Grinding function	Low battery indicator
Digital. Adjustable 0.04-2 s	Yes	Yes
Power supply Solar cell, Replaceable battery (CR2032, 1 pc)		
CE MARKING - EN166, EN175, IS	0 16321-2	
Helmet	Front shield	Auto darkening filter
U EN175 F 500g CE	U FT CE	16321 U W3 / 4-8 / 9-13 V2 CE
ANSI Z87.1 MARKING		
Helmet	Front shield	Auto darkening filter
U Z87+	U Z87	U Z87 W3 / 4-8 / 9-13
CSA Z94.3 MARKING		
Helmet	Front shield	Auto darkening filter
U Z94.3	U Z94.3	U Z94.3 3 / 4-8 / 9-13
EN207 MARKING		
Complete device 840-1250 DIR LB4 870-1190 DIR LB5 890-1160 DIR LB6 915-1140 D LB6 IR LB7 U CE		

WE CARE ABOUT YOU



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