UNIVET



MASTR

LASER WELDING HELMET

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Laser Welding Helmet



REVOLUTIONIZING WELDING SAFETY WITH UNIVET'S BREAKTHROUGH INNOVATION!

Univet proudly presents MASTR, a groundbreaking laser welding helmet that redefines the standards of safety and protection in the welding industry. MASTR is not just another welding helmet; **it's the FIRST, the UNIQUE, and the EXCLUSIVE laser welding helmet certified to both laser and safety standards, providing uncompromised full-face and eye protection.**

Full Protection for Face and Eyes

Specifically engineered to shield against the intense light emitted during welding processes performed with hand-held laser systems operating in the near-infrared spectrum. MASTR is fully **protecting from diffused laser radiation generated from the laser source and incoherent light generated by the process itself.**

EYES AND FACE LASER PROTECTION

AUTO DARKENING FILTER

ADJUSTABLE SENSITIVITY AND DELAY

ADJUSTABLE HEADGEAR

WEIGHT 500 GR

A Complete Solution

MASTR IS A FUSION OF CUTTING-EDGE COMPONENTS:

HELMET SHELL CRAFTED FROM A SPECIAL COMPOUND MATERIAL

Ensuring durability and lightweight comfort, so welders can work with ease. This **exclusive material** is developed to **shield from laser radiation**, and its protection is **certified according laser safety standards**.

LASER PROTECTIVE LENS

Designed to block harmful laser emissions, safeguarding your vision.

AUTO DARKENING FILTER

Enhancing visibility by adjusting the lens's shading in real-time, providing optimal clarity during welding.

UNRIVALED PRODUCTIVITY AND SAFETY

Univet's commitment to innovation has culminated in MASTR. This helmet not only enhances welders' productivity but also delivers **the utmost protection for their eyes and face**. With MASTR, you get a unique solution that ensures welders can work confidently and efficiently, without compromising their well-being.

PATENTED EXCELLENCE

MASTR proudly carries a patent, a testament to its one-of-a-kind design and the **pioneering spirit** that drives Univet's dedication to pushing the boundaries of safety and performance in welding.



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MASTR | LASER WELDING HELMET

Experience the future of welding safety with MASTR, the helmet that sets new standards and empowers welders to work at their best. Trust Univet, the name synonymous with innovation and excellence in Laser Safety Protective Equipment.

Univet MASTR is certified according European standards EN166, EN175, ISO16321-2, EN207

Get ready to elevate your welding experience with MASTR. Stay tuned for the official launch, and be a part of the welding revolution! #MASTRSafety #UnivetInnovations #WeldingRevolution



MASTR | TECHNICAL SPECIFICATIONS

HELMET

Material:	Special plastic compound
Fully adjustable headgear:	Yes
Replaceable front shield:	Yes

ADF - AUTO DARKENING FILTER

Filter dimensions:	110 x 90 x 9 mm
View area:	100 x 53 mm
CE classification:	W3 / 4-8 / 9-13 V2
Sensors:	4
Light shade number:	3(*) (*)4 when laser filter is mounted
Dark shade number:	Variable, 4-8 / 9-13
Shade control:	Digital
Switching time:	40 µs
Sensitivity control:	Digital
Delay time control:	Digital. Adjustable 0.04-2 s
Grinding function:	Yes
Low battery indicator:	Yes
Power supply:	Solar cell, Replaceable battery (CR2032, 1 pc)

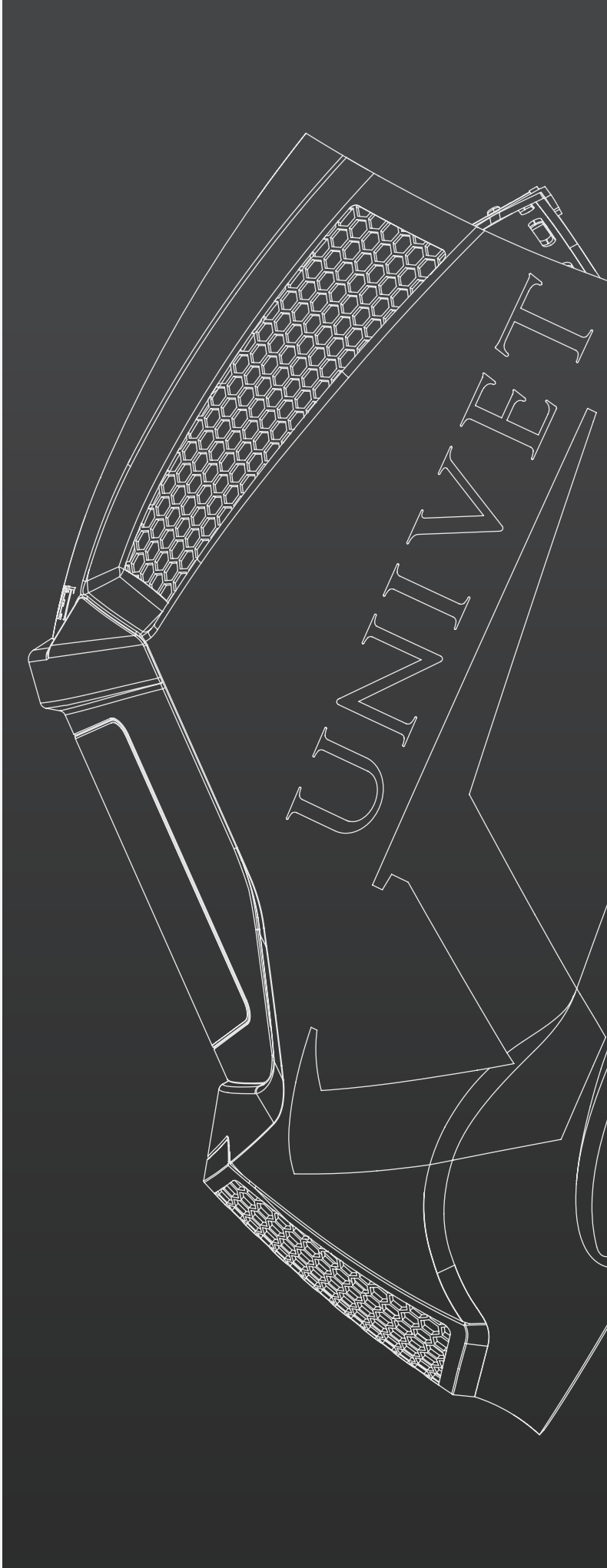
LASER PROTECTION

EN207 marking (COMPLETE DEVICE - HELMET & FILTER):

840-1250 DIR LB4
870-1190 DIR LB5
890-1160 DIR LB6
915-1140 D LB6 IR LB7

CERTIFICATIONS

CE, acc. Reg.2016/425/EU: EN166, EN175, ISO16321-2, EN207
ANSI Z87.1



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