

LASER WELDING HELMET



SPARTUS®
ULTRA VX27

spartus.info

PROFESSIONAL EYE AND FACE PROTECTION AGAINST LASER BEAM

» **The SPARTUS® Ultra VX27** is a specialized helmet designed for laser welding, cleaning, and cutting, developed with maximum user protection in mind. It's more than just an auto-dimming filter – it's a comprehensive facial protection system that, thanks to a special coating, effectively shields against reflected and scattered laser radiation.

ADVANTAGES OF THE

SPARTUS® Ultra VX27 HELMET



Effective eye and face protection
against harmful laser beams



High protection level:
1000–1100 nm
D LB7 + IR LB8



Fully compliant with safety standards:
EN 207:2017 and EN ISO 16321



Multi-adjustable headgear
– perfect ergonomic fit for every user



Lightweight design
– for enhanced comfort during extended use

AUTOMATIC
WELDING FILTER





Exceptionally bright standby mode – only DIN 2



Ultra-fast dimming time
– reaction time of 1/25,000 s



Wide shade range:
DIN 4–8 and DIN 8–12



Digital battery level indicator



Three operating modes for various applications:

- **DARK** – constant shade with adjustable level
- **GRIND** – grinding mode
- **MIX** – perfect for spot or high-power welding, with a gradient phase to reduce eye strain

SPARTUS® Ultra VX27

PRODUCT CODE:

080-05-VX27

APPLICATION	laser welding, cleaning and cutting
ACTIVE FIELD OF VIEW	96 x 46.5mm
FILTER OPTICAL CLASS	1/1/1/2
CARTRIDGE SIZE	110 x 90 x 9 mm
SENSORS	2
SHADING (STANDBY)	2
VARIABLE WELDING SHADES (OPERATING)	4 - 8 / 8 - 12
LIGHT TO DARK SWITCHING TIME	1/25 000s
DELAY CONTROL LIGHT TO DARK SWITCHING TIME	0.1 - 1.0s
UV/IR PROTECTION DEGREE	to DIN 16
HIGHLY SPECIALIZED FILTRATION :	1000 -1100nm D LB7 + IR LB8
SPECIAL MODES	GRIND / MIX / DARK
POWERED	solar cells, battery CR2450



» The SPARTUS® Ultra VX27

is a solution for professionals who demand not only effective protection, but also comfort and top-quality craftsmanship. This laser welding helmet meets the demands of modern industrial technologies and responds to the real needs of professionals.

» **ALSO AVAILABLE**
option with helmet

PRODUCT CODE

080-05-VX27K

