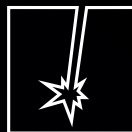


LASER WELDING HELMET WITH AIR SUPPLY SYSTEM



SPARTUS®
ULTRA VX27

LASER WELDING HELMET SPARTUS® ULTRA VX27 WITH AIR SUPPLY SYSTEM

– COMPREHENSIVE PROTECTION FOR LASER WORK

spartus.info

» **SPARTUS® Ultra VX27** is a specialist helmet designed for laser welding, cleaning, and cutting, developed with maximum user protection in mind. It is not just an auto-darkening filter that protects the eyes – it is a comprehensive face protection system, equipped with a special coating that effectively shields against reflected and scattered laser radiation. When combined with the Ultra X air supply system, it forms a complete solution for protecting the eyes, face, and respiratory tract, tailored to the demands of industrial environments.



**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

AIR SUPPLY SYSTEM ULTRA X



- High filtration efficiency**
- Two airflow levels:**
170 l/min and 210 l/min
- Long battery life**
- Digital battery level indicator**
- Visual, audible, and vibration alarms**
- Compliance with standards:**
EN12941:1998 +A1:2003 +A2:2008

SPARTUS® Ultra VX27

PRODUCT CODE

080-05-VX27N

USAGE	laser welding, cleaning and cutting
ACTIVE FIELD OF VIEW	96 x 46.5mm
FILTER SIZE	110 x 90 x 9mm
FILTER OPTICAL CLASS	1/1/1/2
SENSORS	2
SHADING (STANDBY)	DIN 2
VARIABLE WELDING SHADES (OPERATING)	DIN 4 - 8 or DIN 8 - 12
UV/IR PROTECTION DEGREE	to DIN16
LIGHT TO DARK SWITCHING TIME	1/25 000s
DELAY CONTROL OF LIGHT TO DARK SWITCHING TIME	0.1 - 1.0s
HIGHLY SPECIALIZED FILTRATION	1000 -1100nm D LB7 + IR LB8
POWER SUPPLY	solar cells and lithium battery
SPECIAL MODES	GRIND, MIX, DARK
GRINDING	yes
ADJUSTMENT KNOB AND SWITCH	inside
VARIABLE AIR SUPPLY SPEED CONTROL	170 l/min ; 210 l/min
OPERATING TIME	9h
CHARGING CYCLE	≥ 500
CHARGING TIME	1h



THE SET INCLUDES:

- SPARTUS® Ultra VX27 helmet with air supply system
- 5 pcs. outer protective cover lens
- 2 pcs. inner protective cover lens
- Ultra X air supply system
- Air hose with protective sleeve
- Main HEPA filter
- Spark guard
- Pre-filter with activated carbon
- Airflow indicator
- Lithium-ion battery
- Harness
- Charger

ACCESSORIES



POLYCARBONATE SHIELD

95 × 111 mm [front - Ultra VX27]

• 082-95-111



POLYCARBONATE SHIELD

51 × 98 mm [inside - Ultra VX27]

• 082-51-098



SWEATBAND

for helmet SPARTUS® Ultra VX27

• 080-05-VX27-I



HEADGEAR

for helmet SPARTUS® Ultra VX27

• 080-05-VX27-C



FABRIC SEAL

for helmet SPARTUS® Ultra VX27

• 080-05-VX27-M



HOSE COVER

for helmet SPARTUS® Ultra VX27

• 080-05-VX27-P



PARTICULATE FILTER

for SPARTUS® Ultra X air supply

• 080-15-101



PRE-FILTER

for SPARTUS® Ultra X air supply

• 080-15-104



SPARK SCREEN

for SPARTUS® Ultra X air supply

• 080-15-103



GAS FILTER A2

for SPARTUS® Ultra X air supply

• 080-15-120



GAS FILTER ABEK1

for SPARTUS® Ultra X air supply

• 080-15-122



BATTERY

[standard] for SPARTUS® Ultra X air supply

• 080-15-110



BATTERY

[high-capacity] for SPARTUS® Ultra X air supply

• 080-15-110L



CHARGER

for SPARTUS® Ultra X air supply

• 080-15-111



SHOULDER STRAP

for SPARTUS® Ultra X air supply

• 080-15-141



BELT CUSHION

for SPARTUS® Ultra X air supply

• 080-15-140



HOSE COVER

for SPARTUS® Ultra X air supply

• 080-15-106



QUICK-CONNECTION HOSE

for SPARTUS® Ultra X air supply

• 080-15-105



O-RING

for SPARTUS® Ultra X air supply

• 080-15-109



AIRFLOW INDICATOR

for SPARTUS® Ultra X air supply

• 080-15-130