

# PROTECTION MASK FOR LASER WELDING AND LASER CLEANING



CE



LM-405-CPL

Application: Class IV laser welding  
and cleaning equipment

General protection range:

Diode (940 – 980 nm)

Yb:YAG/Scheibe (1030 nm)

Nd:YAG (1064 nm)

Faser (1060 – 1080 nm)

VLT (Visible light transmission): 57 %

Filter color: green

Filter material: special plastic

Filter thickness: 3,0 mm

Laser filter size: 110 x 60

Filter protectors (included)

Dimming type: manual

CE Certification

Regulation (EU) 2016/425 Norms:

EN 12254

EN 175: 1997



This product has been specifically designed for personal protection against UV and IR radiation emitted in the process of laser welding and cleaning with a Class IV laser. Laser protection mask is mandatory PPE for operators of handheld laser welding or laser cleaning equipment. This welding helmet features a manual dimming shade that is easy to apply and is not triggered by scattered laser light. Dimming filters and protectors can be interchanged to suit the appropriate use case scenario.



Specified protection according to EN 60825-4 (power densities):

Wavelength [nm]	Test class	Max. resistance time t <sub>max</sub> [s]	Power density [kW/m <sup>2</sup> ]
860-1070	T3	15	550
860-1070	T2	110	97