

EU type-examination certificate

C4168.1THEO

Applicant / manufacturer	Maxphotonics GmbH Dornierstraße 11 82205 Gilching GERMANY
Identification of the manufacturer	THEO
Product type	Laser welding helmet, eye-, face- and head protector during laser welding and related techniques
Model name	VIZ-R2+
Standard(s) / technical rules	Essential requirements according to Annex II of the PPE-Regulation (EU) 2016/425 EN ISO 16321-1:2022, EN ISO 16321-2:2021, EN 207:2017
Test report(s)	1142-ECS-24
Material(s)	Polycarbonate, glass-glass lamination, Polyamide
Marking	<u>Eye- and face protection:</u> 16321 THEO W2.5/3/3.5/4/5 V2 900-1080 D LB7 IR LB8 CE <u>Head-protection:</u> 16321 THEO W5 1-M 900-1100 D LB5 I LB7 R LB8 CE see schedule for further details of the components

Herewith, ECS certifies that the named model complies with the essential requirements for health and safety as they are provided by the European Regulation (EU) 2016/425 for Personal Protective Equipment. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and/or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different markings have been assessed, the lowest marking must be applied, respectively. The validity of this EU type-examination certificate will expire on the date as mentioned below, and/or if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one and/or if the requirements in the standards or technical rules will be revised and/or tightened.

Name, address and identification number 1883 of the notified body ECS are to be indicated in the information brochure of this product.

This EU type-examination certificate is valid until 2029-12-25.

ECS GmbH
Notified Body 1883
19/03/25



Kerstin Trimus
ECS-Certification



ECS GmbH – European Certification Service
Augenschutz und Persönliche Schutzausrüstung
Laserschutz und Optische Messtechnik
Obere Bahnstraße 74
73431 Aalen, Germany

CERTIFICATION SCHEDULE

Company: Maxphotonics GmbH

ANNEX to the EU type-examination certificate registration number C4168.1THEO

The laser welding helmet VIZ-R2+ consists of the following components:

Components	Protection group	Test report	Marking
Adjustable Darkening Filter with welding and laser protection XA-1005LP	Eye- and face protection	1142-ECS-24	16321 THEO W2.5/3/3.5/4/5 V2 900-1080 D LB7 IR LB8 CE
Protection shield (Carbon)	Eye- and face protection	1142-ECS-24	16321 THEO W15 900-1100 D LB7 IR LB 8 CE
Welding shell AS-8000F (Polyamide)	Head protection	1142-ECS-24	16321 THEO W15 900-1100 D LB5 I LB7 R LB8 1-M CE
Cover & back plate (Polycarbonate)	Safety plate	1491-PZA-20	THEO 1 B CE