EC/EU Declaration of Conformity

Number 01022021/TRILAB/AzteQ

issued within the meaning of Section 12 (1) b) and (3) a) and Section 13 (1) and (2) of Act No. 22/1997 Coll. on technical requirements for products, as amended, and within the meaning of Section 4 and Section 5 (1) and (2) of Act No. 90/2016 Coll. on conformity assessment of specified products when they are supplied to the market, as amended

1. Manufacturer identification data

- Business name: **TriLAB Group s.r.o.**
- Address: **Purkyňova 649/127, Medlánky, 612 00 Brno**
- ID: 05288746

2. Person in charge of completing the technical documentation

- Name and surname: FS system s.r.o., Michal Chovanec
- Address: Hviezdoslavova 47, 627 00 Brno
- ID: 29291739

3. Machinery data

- Title: TRILAB Desktop 3D Printer
- Type: AzteQ
- Type series: AzteQ (AQ1A), AzteQ Industrial (AQ1IA), AzteQ Plus (AQ1PA) and AzteQ industrial (AQ1IPA)
- Year of manufacture: 2021
- Usage: The device is designed for 3D printing with FDM technology with delta kinematics.
- Description: It is a desktop device without an active operator, which additively produces a 3D model from the prepared print data from the printing material (filament).

4. Conformity assessment procedure

- Conformity assessment was carried out in accordance with Government Regulation 176/2008 Coll., Section 5 (2) and Government Regulation 118/2016 Coll., Section 9.

5. Equipment meets requirements – Harmonized technical standards, regulations and directives

- 2006/42/EC, 2014/35/EU; Act No. 22/1997 Coll.; Act No. 90/2016 Coll.; Act No. 102/2001 Coll.; Government Regulation No. 375/2017 Coll.; Government Regulation No. 176/2008 Coll.; Government Regulation No. 17/2003 Coll., laying down technical requirements for low-voltage electrical equipment EC 2004/108/EC – Government Regulation No. 616/2006 Coll, on technical requirements for products with regard to their electromagnetic compatibility and the relevant regulations and standards resulting from these regulations (directives); Government Regulation No. 118/2016 Coll.; Decree No. 48/1982 Coll.; Decree No. 73/2010 Coll;
- EN ISO 12100; Safety of machinery – General principles for design – Risk assessment and risk reduction
- ISO 11684; Safety pictograms
- CSN ISO 7000; Graphical signs for use on equipment – Index and overview
- ČSN EN ISO 13857; Safety of machinery— Safe distances to prevent the upper and lower limbs from reaching dangerous areas
- EN 1005-3+A1; Safety of machinery – Human physical performance – Part 3: Recommended limit forces for the operation of machinery
- EN 1037+A1; Safety of machinery – Prevention of unexpected start-up
- EN 1070; Safety of machinery – Terminology
- EN 349+A1; Safety of machinery – Minimum gaps to prevent compression of human body parts
- EN 953+A1; Safety of machinery – Guards – General requirements for the design and manufacture of fixed and movable guards
- EN 61000-6-4 ed. 2; Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emissions – Industrial environment
- CSN EN 55011 ed. 3; Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement
- EN 894-2+A1; Safety of machinery – Ergonomic requirements for the design of transmitters and controllers – Part 2: Transmitters
- EN 894-3+A1; Safety of machinery – Ergonomic requirements for the design of controllers and actuators – Part 3: Controllers
- EN ISO 1873-1; Plastics – Polypropylene (PP) materials for moulding and extrusion – Part 1: Labelling system and basis for specification
- CSN EN 55022 ed. 3; Information technology equipment – Radio frequency interference characteristics – Limits and methods of measurement
- EN 61000-3-2 ed. 3; Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment with input phase current <= 16 A)
- EN 61000-3-3 ed. 2; Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limiting voltage variations, voltage fluctuations and flicker in low-voltage distribution systems for equipment with rated phase current ≤ 16 A not subject to conditional connection
- EN 61000-3-3 ed. 3; Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limiting voltage variations, voltage fluctuations and flicker in low-voltage distribution systems for equipment with rated phase current ≤ 16 A not subject to conditional connection
- EN 60950-1 ed. 2; Information technology equipment – Safety – Part 1: General requirements
- EN 50581; Technical documentation for the assessment of electrical and electrotechnical products with regard to the control of hazardous substances
- EN 61000-6-3; Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emissions – Residential, commercial and light industrial environments
- EN 61000-4-2 ed. 2; Electromagnetic compatibility (EMC) – Part 4-2: Test and measurement techniques – Electrostatic discharge – Immunity test
- EN 61000-4-3 ed. 3; Electromagnetic compatibility (EMC) – Part 4-3: Test and measurement techniques – Radiated high frequency electromagnetic fields – Immunity test
- EN 61000-6-1-1 ed. 2; Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity – Residential, commercial and light industrial environments
- CSN EN 55024 ed. 2; Information technology equipment – Immunity characteristics – Limits and methods of measurement

6. Declaration of the device manufacturer

TriLAB Group s.r.o., the manufacturer, declares that the AzteQ (AQ1A), AzteQ Industrial (AQ1IA), AzteQ Plus (AQ1PA) and AzteQ industrial (AQ1IPA) equipment is

SAFE

for use under the conditions of normal and intended use for machinery in accordance with Government Regulation 176/2008 Coll. and for electrical equipment intended for use within certain voltage limits in accordance with Government Regulation 118/2016 Coll.

Brno, 1 June 2021

Michal Chovanec
Person in charge of completion of technical documentation

Mgr. Michal Bohač, PhD.
Managing Director
TriLAB Group s.r.o.