



# EC/EU Declaration of Conformity

## Number 01022021/TRILAB/DeltiQ2B/P



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 series: **DeltiQ 2 [DQ2B], DeltiQ 2 Plus [DQ2PB]**
- 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  $\leq 16$  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  $\leq 16$  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  $\leq 16$  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 DeltiQ 2 [DQ2B] and DeltiQ 2 Plus [DQ2PB] 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

  
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