

EU DECLARATION OF CONFORMITY

According to the European Commission's Machinery Directive 2006/42/EC, Annex II, Section 1B

The manufacturer Mecademic Inc.
 1300 Saint-Patrick Street
 Montreal QC H3K 1A4 Canada

hereby declares that the product described below

Product designation: Extra-small six-axis industrial robot Meca500

Type: Meca500-R4

Firmware: 10.1 and newer

meets the applicable essential safety requirements of the Machinery Directive 2006/42/EC (1.1.2, 1.1.3, 1.1.5, 1.2.1, 1.2.4.3, 1.2.6, 1.3.2, 1.3.4, 1.5.1, 1.5.2, 1.5.5, 1.5.6, 1.5.8, 1.7.3, 1.7.4) and was designed based on the norms ISO 10218-1:2011, IEC 60204-1/A1:2008, ISO 13849-1:2015, ISO 13849-2:2012, ISO 13850:2015. Deviations from these norms exist. These are listed in the User Manual of the robot.

Additionally the manufacturer declares the product in conformity with the following directives and harmonized standards:

- 2014/30/EU Electromagnetic Compatibility Directive (EMC)
- 2011/65/EU Restriction of the use of certain hazardous substances (RoHS)
- 2011/35/EU Low-voltage Directive
- EN IEC 61326-1:2021
- EN IEC 61000-3-2 (2019) A1 (2021), EN IEC 61000-3-3 (2013) A1 (2019) A2 (2021), EN IEC 61000-4-2 (2008), EN IEC 61000-4-3 (2020), EN IEC 61000-4-4 (2012), EN IEC 61000-4-5 (2014) A1 (2017), EN IEC 61000-4-6 (2013), IEC 61000-4-8 (2009)

The manufacturer agrees to forward on demand the relevant technical documentation, compiled according to Directive 2006/42/EC, Annex VII, Part B, to state authorities.

Montreal, QC, Canada
March, 2024



Éric Boutet, Eng.
Director of R&D

