

Declaration of Conformity for CE/UKCA Marking



Machinery Directive 2006/42/EU (Safety) / Machine Regulation SI 2008 Nr. 1597
 Low Voltage Directive 2014/35/EU / Low Voltage Regulation SI 2016 Nr. 1101
 EMC Directive 2014/30/EU / EMC Regulation SI 2016 Nr. 1091

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We herewith declare that the **PuraLev® Console LCO-600**, in its configurations as listed below is in conformity with the above mentioned *European Directives* and *UK Statutory Instruments*. The console is thought to be used in laboratory and industrial production environment of Life Science markets like Biotech and Pharmaceuticals.

Part Name	Description
LCO-600.x-yy	LCO-600.x-yy with x = various hardware configuration options and yy = various firmware options. Consoles with 100-240 VAC, 50/60Hz, 600W supply input. As critical main components the console contains a NRTL certified LPC-600 motor controller and NRTL certified AC/DC power supplies.
Motors	Compatible NRTL certified BSM-1.x motors (48 VDC) of the PuraLev® 200SU/MU pump system. Compatible NRTL certified LPM-600.x motors (48 VDC) of the PuraLev® 600SU/MU pump system.
Pump Heads	Single-Use DCP-200.x and Multi-Use LPP-200.x pump heads of the PuraLev® 200SU/MU pump system. Single-Use DCP-600.x and Multi-Use LPP-600.x pump heads of the PuraLev® 600SU/MU pump system.
Flow Sensors	Clamp-on flow sensors of the LEVIFLOW® LFSC-D and LFSC-iX Series. Single-Use sensors of the LEVIFLOW® LFS-SU Series.
Accessories	Various signal adaptor cables for LEVIFLOW® flow sensors.

Machinery Directive 2006/42/EU – Machinery Regulation SI 2008 Nr. 1597

The machinery directive/regulation essentially has been followed by a risk analysis, according mitigation actions and a user manual for safe operation. For the design and testing the following standards are used as a guideline:

ISO 12100 Safety for machinery – principles for risk assessments: used for system risk analysis.
 IEC/EN 60529 Degree of protection provided by enclosure (IP code).

Low Voltage Directive 2014/35/EU – Low Voltage Regulation SI 2016 Nr. 1101

The low voltage directive/regulation essentially has been followed by a risk analysis, electrical safety testing and a user manual for safe electrical operation. For the design and testing the following standards are used as a guideline:

IEC/EN 61010-1 Safety requirements for electrical equipment: tested at certified 3rd party laboratory.
 ISO 12100 Safety for machinery – principles for risk assessments: used for system risk analysis.

EMC Directive 2014/30/EU - EMC Regulation SI 2016 Nr. 1091

The following standards of the EMC directive/regulation are tested and confirmed at a certified laboratory:

IEC 61326-1 Electrical equipment for measurement, control and laboratory use – EMC requirements

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