

DECLARATION OF INCORPORATION

In respect to the
following
Directives

EMC Directive 2004/108/EC
Low Voltage Directive 2006/95/EC
WEEE & RoHS Directive 2002/96/EC & 2002/95/EC

the manufacturer

ThermoFisher
SCIENTIFIC

Thermo CRS Ltd
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hereby declares
that the product(s)

Product Name	Spinnaker Mover F01981
	Spinnaker BenchTrak F01848 – F01855 On-Bench (800mm – 3600mm) F01856 – F01863 In-Bench (800mm – 3600mm)
	Tall Spinnaker F02038
System Components (optional / configurable)	Hotel mounting platforms, Random Access Hotels, and Hotel Stacks Guard panels – fixed and interlocked MiniHub
EM Emissions	CISPR11:2009 + A1:2010 / EN 55011:2009 + A1:2010, Class A, Group 1 ISM Equipment FCC Part 15, Subpart B, Class A
EM Immunity	EN61326-1:2013 CISPR11:2009+A1:2010/EN55011:2009+A1:2010, Class A
Electrical safety of equipment for measurement, control, and laboratory use	CAN/CSA-C22.2 No. 61010-1, 3 rd ed. UL61010-1, 3 rd ed. IEC61010-1, 3 rd ed.
Machine Safety	EN ISO 13849-1:2006 (PL=c, PFH=1.14E-6, using the MiniHub)
Machine Safety	TS15066:2016, Robots and Robotic Devices – collaborative robots, section 5.5.4 Power and force limiting
Environmental (RoHS)	This equipment, to the best of our knowledge, complies with European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS).
China RoHS	Conforms to standard GB/T26572. Refer to the following website for the information table. http://www.thermofisher.com/us/en/home/technical-resources/rohs-certificates.html

Collaborative Operation

When operated at the "collaborative mode", the Spinnaker arm is restricted to a lower operating speed. This lower speed meets the requirements of the power and force limits of the TS15066 standard to reduce hazards from the Spinnaker. Even at the lower speed, additional measure (safeguards, PPE, operating procedures) may be required to adequately reduce the risk of injury to the operator due to hazards of the application, the biology/chemistry, or the instruments. Collaborative operation is the default operating speed, unless the Spinnaker is connected to a MiniHub or an E-Stop hub.

The use of impact resistant eye-protection is required at all times when operating the Spinnaker.

Partly Completed

Although the Spinnaker and Spinnaker BenchTrak are complete and functional products on their own, they are considered "partly completed" machinery by the Machinery Directive, and must not be put into service until the final "system" into which they are integrated, has been declared in conformity with the ESHR (Essential Health and Safety Requirements) of the Machinery Directive. Additional safety measures (i.e. safeguarding) may be required to bring it into compliance with the Directive. This is determined by a Safety Risk Assessment of the integrated system.

Supplementary Information

The Safety chapters of the "Spinnaker User Guide" and the "BenchTrak User Guide" must be reviewed before the product is put into service. The chapter contains important safety information about residual hazards.

The Spinnaker and Spinnaker BenchTrak are designed for the purpose of moving microtitre plates that conform to the SBS standard, between instruments. A risk analysis specific to the materials being handled in the customer's application must be done, as it may dictate the need for mitigation measures (i.e. ventilation, guarding, personal protective equipment, etc.) to reduce the risk of injury to the operator.

When and Where Issued:

June 27, 2016
Burlington, Ontario, Canada

Contact established in the
Community authorized to
compile the technical file or the
relevant technical documents

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