


# DECLARATION OF INCORPORATION

**In respect to the following Directives**

EMC Directive	2014/30/EU
Low Voltage Directive	2014/35/EU
WEEE & RoHS2 Directive	2002/96/EC & 2011/65/EC

**the manufacturer**

	Thermo CRS Ltd Laboratory Automation 5250 Mainway Burlington, Ontario Canada L7L 5Z1 Phone: (905) 332-2000 Fax: (905) 332-1114
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**hereby declares that the product(s)**

Product Name	<b>Spinnaker Mover</b>	F01981	
	<b>Spinnaker BenchTrak</b>	F01848 – F01855 F01856 – F01863	On-Bench (800mm – 3600mm) In-Bench (800mm – 3600mm)
	<b>Spinnaker XT</b>	F02038	
	<b>Spinnaker XS</b>	F02043	

System Components (optional / configurable)	Hotel mounting platforms, Random Access Hotels, and Hotel Stacks Guard panels – fixed and interlocked MiniHub
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**conform(s) to the following standards or**

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

**other normative documents**

Electrical safety of equipment for measurement, control, and laboratory use	CAN/CSA-C22.2 No. 61010-1, 3 <sup>rd</sup> ed. UL61010-1, 3 <sup>rd</sup> ed. IEC61010-1, 3 <sup>rd</sup> 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 (RoHS2)	This equipment, to the best of our knowledge, complies with European Directive 2011/65/EU on the Restriction of Hazardous Substances (RoHS2). Thermo CRS bases its evaluation on information provided by third parties and has taken and continues to take reasonable steps to provide accurate information. Thermo CRS has not conducted destructive testing or chemical analysis on the incoming materials and/or chemicals.
China RoHS	Conforms to standard GB/T26572. Refer to the following website for the information table. <a href="http://www.thermofisher.com/us/en/home/technical-resources/rohs-certificates.html">http://www.thermofisher.com/us/en/home/technical-resources/rohs-certificates.html</a>

## Collaborative Operation

When operated in 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 any Spinnaker mover.

## 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:

Mar 26, 2019  
Burlington, Ontario, Canada



**Rui Fernandes**  
Manager, Product Release  
Laboratory Automation  
Thermo Fisher Scientific

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

Dionex Softron GmbH, Part of  
Thermo Fisher Scientific  
Dornierstraße 4  
D-82110 Germering  
Germany



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◆ **Revision History**

<b>Rev.</b>	<b>Date</b>	<b>Comments</b>
0.	Oct 5, 2015	GED; Created; preliminary
1.	Jan 4, 2016	GED; added CSA/UL safety testing reports
2.	June 27, 2016	GED; updated address; updated RoHS information and added China RoHS link
3.	Mar 14, 2017	GED; updated RoHS2 information & signatory
4.	May 3, 2017	GED; updated EMC and LVD numbers; changed Tall Spinnaker to Spinnaker XT
5.	Oct 24, 2017	GED; added Spinnaker XS – short Spinnaker
6.	Mar 18, 2019	RF: Changed CE Authorized Representative due to Brexit