


DECLARATION OF INCORPORATION

In respect to the following directives

Low Voltage Directive 2014/35/EU
 WEEE & RoHS3 Directive 2002/96/EC & EU 2015/863

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	inSpire	F02074	
	inSpire Shelf	F02070(RHS)	F02073(LHS)
System Components (optional / configurable)	Spinnaker XT	F02028	
	Hotel mounting platforms, Random Access Hotels, and Hotel Stacks		
	Guard panels (fixed)		
conform(s) to the following standards or other normative documents	Electrical safety of equipment for measurement, control, and laboratory use	CAN/CSA-C22.2 No. 61010-1-12, 3 rd ed. UL61010-1, 3 rd ed. IEC61010-1, 3 rd ed.	
	Machine Safety	TS15066:2016, Robots and Robotic Devices – collaborative robots, section 5.5.4 Power and force limiting	
	Environmental (RoHS3)	This equipment, to the best of our knowledge, complies with European Directive EU 2015/863 on the Restriction of Hazardous Substances (RoHS3). 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.	

Collaborative Operation

The operating speed of the Spinnaker XT used within inSpire is limited to that which meets the requirements of the power and force limits of the TS15066 standard. This speed reduces the mechanical hazards from the Spinnaker XT mover as per the standard. Additional measures (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, and/or the instruments. The collaborative operating speed set for use within inSpire, is the only operating speed of the Spinnaker XT.

The use of impact resistant eye-protection is required always when operating any Spinnaker mover.

Partly Completed

Although the inSpire is complete and functional product on its own, it is considered "partly completed" machinery by the Machinery Directive. The system is complete once the inSpire along with the instruments with which it is being integrated, has been assembled. Only the final system can be 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" must be reviewed before the product is put into service. The chapter contains important safety information about residual hazards.

The Spinnaker XT is designed for 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:

Dec 18, 2020
 Burlington, Ontario, Canada

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



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◆ Revision History

<i>Rev.</i>	<i>Date</i>	<i>Comments</i>
0.	Apr 1, 2019	GED; Created; preliminary
1.	Dec 18, 2020	SV: updated RoHS3 information & Signatory