

DECLARATION OF CONFORMITY

In respect to the following Directives

EMC Directive	2004/108/EC
Low Voltage Directive	2006/95/EC
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

Product Name	BenchTrak	OB – 800-3600	F01848 – F01855
		IB – 800-3600	F01856 – F01863

that the product(s)

System Components	Orbitor Mover	F01743
	Spinnaker Mover	F01981
	Hotel mounting platforms, Random Access Hotels, and Hotel Stacks	
	Guard panels – fixed and interlocked	

conform(s) to the following standards or other normative documents

EM Emissions	CISPR11:2004 / EN 55011:2007, Class A, Group 1 ISM Equipment FCC Part 15, subpart B, Class A	
EM Immunity	EN61326-1:2006	
Electrical safety of equipment for measurement, control, and laboratory use	CAN/CSA-C22.2 No. 61010-1-04 UL61010:2004, 2 nd ed. IEC61010-1:2010, 3 rd ed.	
Machine Safety	EN ISO 13849-1:2006 (PL=c, PFH=1.14E-6, Using Cat 1, using the MoverLink)	
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. http://www.thermofisher.com/us/en/home/technical-resources/rohs-certificates.html	

Supplementary Information

The "Safety" chapter of the "Orbitor BenchTrak User Guide" and the "Orbitor RS User Guide" must be reviewed before the product is put into service. The chapter contains important safety information. Depending on the layout of the system, guarding may be required to protect against pinch points.

The Orbitor BenchTrak is 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 additional measures (i.e. ventilation, guarding, personal protective equipment, etc.) to reduce the risk of injury to the operator.

As evaluated by Thermo Scientific, the control system of the Orbitor BenchTrak meets a performance level PL=c, with a PFH=1.14E-6, using a category 1 architecture.

When and Where Issued:

Mar 26, 2019
Burlington, Ontario, Canada



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

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◆ **Revision History**

Rev.	Date	Comments
1.	Aug 2, 2012	GED; Created; preliminary
2.	Nov 27, 2013	GED; updated to new standards – added PL, PFH information as calculated via SISTEMA
3.	June 27, 2016	GED; updated address; updated RoHS information and added China RoHS link
4.	Mar 14, 2017	GED; updated RoHS2 information & signatory
5.	Mar 18, 2019	RF: Changed CE Authorized Representative due to Brexit