



Certificate of Compliance

Certificate: 70179600

Master Contract: 225290

Project: 70179600

Date Issued: May 29, 2018

Issued to: Hitachi Koki Co., Ltd.
1060 Takeda, Hitachinaka-shi
Ibaraki 312-8502, Japan
Attention: Mr. Tatsuya Konno

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards).



Issued by: 
Massimo De Melis

PRODUCTS

CLASS – 8721 06 - LABORATORY EQUIPMENT

CLASS – 8721 86 - ELECTRICAL EQUIPMENT FOR LABORATORY USE - Certified to US Standards

High-Speed Refrigerated Centrifuge, floor standing, permanently or cord connected, grounded, Models CR30NX and CR26NX, rated 200-240 V, 50/60 Hz, 30 A Single-phase.

Notes:

1. The above model is cord connected, Equipment Class I, Pollution Degree 2.
2. Mode of operation: Continuous.
3. Environmental Conditions: 2 to 40 °C, 2000 m max, 80 % to temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C.



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APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

CAN/CSA-C22.2 No. 61010-2-020:17 - Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-020: Particular requirements for laboratory centrifuges

UL Standards:

UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory use - Part 1: General Requirements

UL Std. No. 61010-2-020:2016 - Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-020: Particular requirements for laboratory centrifuges

CONDITIONS OF ACCEPTABILITY

1. Equipment is only to be installed by manufacturer trained personnel.
2. The supply cord, if hard-wired into the unit, shall have the following wires identified with Neutral – Identified “N”; supply – Identified “L”.
3. The equipment shall be marked with a fixed warning notice stating that transport may be undertaken only in a certain position, which is clearly described in the instructions for use or illustrated by inscription on the equipment.
4. The permanently connected equipment is to be installed by qualified service personnel only in accordance with applicable electrical codes.
5. The permanently connected equipment shall be connected to a 30 A rating circuit breaker on the distribution board.
6. Insulated conductors of the primary circuit and safety extra low voltage circuits shall be secured and separated.
7. Equipment is not to be used with flammable liquids except for cleaning liquids



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

| Project | Date | Description |
|----------------|--------------|--|
| 70179600 | May 29, 2018 | Original Certification of High-Speed Refrigerated Centrifuge, Models CR30NX and CR26NX (C/US). |