Hitachi Pharma Inspection Machine

HR3000

HITACHI
Inspire the Next



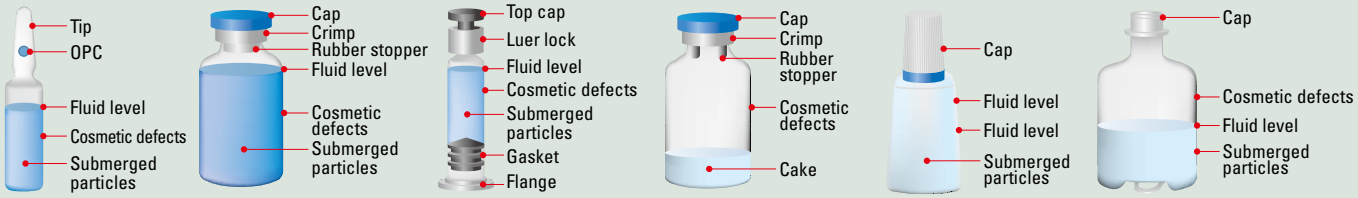
LUMADA READY

Lumada Ready is an advanced and strategic product that contributes to the realization of Lumada solutions.

An accumulation of technology suited to a wide array of inspection items

By using a large inspection rotor, we can install multiple inspection stations and flexibly construct an optical system based on the individual examination items. This is the optimal solution for multi-purpose (ampoule, vial) inspections.

Inspection Items

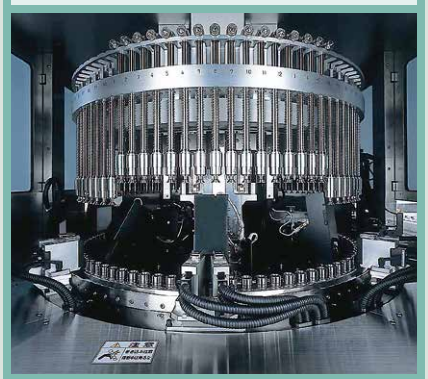


Super-high-speed pre-spin rotor to eliminate bubbles



- Bubbles can be effectively eliminated using a super-high-speed pre-spin before inspection, effectively reducing the false detection rate.

Large inspection rotor



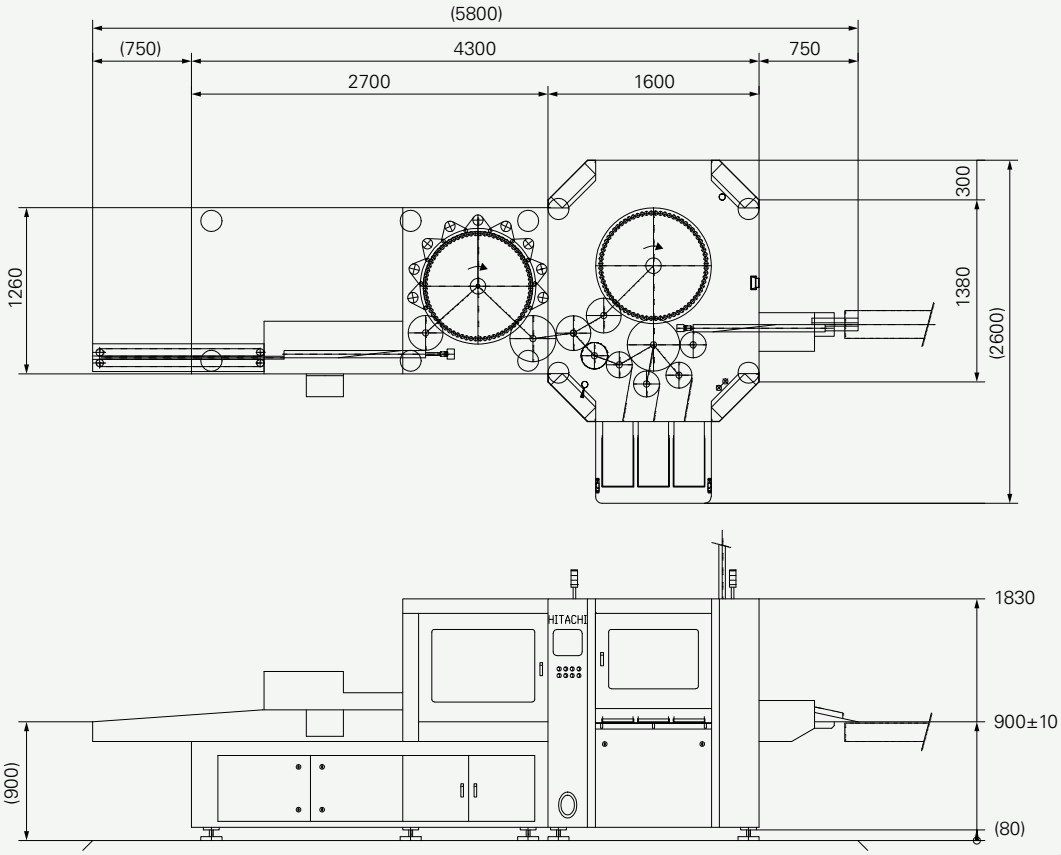
- Our large inspection rotor enables the inspection of a spectrum of inspection items.
- Our advanced structural design and machinery parts enable high precision and longer oscillation.
- In addition it is designed to have minimal obstacles to allow accessibility for maintenance and the flexible installation of inspection stations.

Feed and discharge mechanism



- We will provide a feeding mechanism to fit a variety of containers.
- The discharge mechanism utilizes Hitachi's control technology to create a failsafe design realizing precise sorting.
- We choose materials and structures according to the form and material of the products to decrease the risk of damaging containers.

HR3000



Specifications

Inspection object	Container diameter (mm)	Φ7~60
	Container height (mm)	35~120
Capacity*		Max 600 bottles / minute
Utility		AC200V / 3phase / 7kVA
Air		0.5~0.7MPa,400NL / min**
Weight		Standard:approx.5,500kg, Including pre-spin:approx.6,000kg

* Capacity will depend on the outer diameter of the container, solution and liquid level
** Large containers (with diameters over 30 mm) will require 600 NL/min

⚠ Safety Precaution

- Read the instruction manual carefully and thoroughly before using the machine, and then use it correctly
- Do not attempt to perform any operations that are not described in this brochure and instruction manual. Do not use the machine in the environment of high temperature, high humidity, full of dust, corrosive gas, vibration, shock. Use under the above conditions may cause the fire, breakdown, electric shock and malfunction.
- Follow the instruction manual for safety, when mounting and wiring the machine. Connection should be performed by the authorized person who has professional knowledge of electronics and electrical wiring. Make sure that foreign objects are not in the machine.
- Products in this brochure may restrict usage, limit a place of use, and require periodic check. Please contact your sales representatives for the details.
- This product is manufactured under strict quality control. However, you must add safety devices by yourself when the machine is used in the area where troubles of the machine may cause loss, damages, fatal accidents and so on,.

- HR3000 is a model number of our inspection machine.
- Colors of the machine printed in this brochure may be different from the real machine.
- When you export this product, you must check and comply with all applicable laws, rules and regulations for Japan and foreign countries, such as Foreign Exchange and Foreign Trade Law, Export Administration Regulations of the United States of America, etc.
- Information in this brochure is as of April of 2025 and subject to change without prior notice.
- Other described company names and product names are registered trademarks or trademarks of their respective owners.

Hitachi Industry & Control Solutions, Ltd.

https://info.hitachi-ics.co.jp/eng/products/hr/

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