

Rigaku Gallery700



Manufacturer: Rigaku Americas Corporation.
 Model Number: Rigaku-Gallery700
 Web Address: www.rigaku.com

The Minstrel HT system from Rigaku automatically images crystallization experiments and links images with crystallization conditions. The Minstrel HT provides unattended image acquisition, providing an objective history of the experiment. A fully integrated system for temperature controlled incubation, inspection, and analysis of protein crystallization plates, each installation is comprised of one Minstrel HT imaging station and either one or two Gallery 700 Incubator storage systems. Designed by and for crystallographers, this modular platform is unique in its ability to support two independent incubators, each operating at a different temperature. Maximally configured, each Minstrel HT is capable of controlling and tracking over 1000 plates (1400 low profile).

Incubator: Commands

- ▶ **Open()** - Opens the incubator door.
- ▶ **Close()** - Closes the incubator door.
- ▶ **DepositPlate(barcode, height, temperature)** - Deposits the plate in the incubator.

barcode	String	Specifies the plate barcode.
height	Integer	Specifies the plate height.
temperature	Integer	Specifies the incubator temperature.

- ▶ **RequestStatus()** - Request the status of the incubator.

Incubator: Errors

- ▶ **IncubatorError(errorCode)** - Error occurred during command execution.

errorCode	Integer	Error code for the picker.
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