

Thermo Cytomat2 Incubator



Manufacturer: Thermo Fisher Scientific
 Model Number: Thermo-Fisher-Cytomat2
 Web Address: www.kendro.com

The Cytomat 2 C400 series of incubators provide stable temperature and humidity conditions for optimal assay storage for 42 standard microplates, as well as an external heating and cooling unit for easy use. The Cytomat 2 C425 has a temperature range of 4C to 25C with a humidity level of up to more than 95% rH, while the C450 has the same humidity level, a temperature range of 4C to 50C and offers CO2 control. If you require a higher temperature for your assay, the Cytomat 2 470 offers a maximum temperature of 70C with a humidity level of 93% rH and CO2 control. A specially designed internal water reservoir creates a stable, high level of humidity, and ventilated stackers minimize evaporation in each of the Cytomat 2 400 series incubators.

Incubator: Commands

▶ **Reinitialize()** - Reinitialize the incubator.

▶ **MoveMotors()** - Move all the motors to the wait position.

▶ **SwapTransferStation(position)** - Swap the transfer station to the specified position.

position	Integer	Specifies the position of the transfer station. Range of values: 1 to 2.
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▶ **UnloadPlate(location)** - Open automatic lift door, retrieve microplate from transfer station, close automatic lift door, place microplate at indicated storage location

location	Integer	Specifies the location of the plate. Range of values: 1 to 42.
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▶ **LoadPlate(location)** - Retrieve microplate from indicated storage location, open automatic lift door, move microplate to transfer station, close automatic lift door

location	Integer	Specifies the location of the plate. Range of values: 1 to 42.
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▶ **LocationScan()** - Scan all the locations in the incubator.

▶ **IsAtLocation(location)** - Verify if the specified location contains the microplate. The command must be called after the location scan command.

location	Integer	Specifies the location of the plate. Range of values: 1 to 42.
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▶ **GetWarningCode()** - Retrieve the value from the warning register.

▶ **GetErrorCode()** - Retrieve the value from the error register.

▶ **ResetError()** - Reset the error register and the error bit in the overview register.

Incubator: Errors

🔥 **IncubatorError(alarmMessage)** - Error occurred during command execution.

alarmMessage	String	Error message for the instrument
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ReTiSoft Inc.
366 Revus Avenue, Unit 21
Mississauga, Ontario, Canada, L5G-4S5
Main: 647-724-2398 Europe: 33-9-7518-0225
Web: www.retisoft.ca Email: prodziew@retisoft.ca