



# Optimum cell culture conditions, fast and reliable

Cytomat 24 automated incubators  
and storage systems

# The next generation of advanced incubation for cell culture applications

Increase throughput, ensure a safe, reproducible process with this latest and advanced incubation solution. Thermo Scientific™ Cytomat™ 24 C automated incubator provides precise humidity control, super-fast access and a wide temperature range for large capacity microplate incubation applications.



- Wide temperature range from 4 °C to 50 °C



- Fully automated decontamination routine (ContraCon)



- Controlled humidity with external water tank



- Reliable, smooth and precise plate handling system

## An ideal incubator choice for a wide variety of applications

With decontamination routine, optional Hydra-Smart technology feature, and super-fast plate access, the Cytomat 24 automated incubators and storage systems are the ideal solution for various applications using a wide variety of cell types.



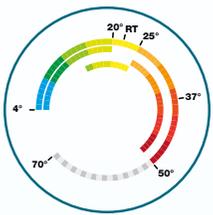
### Unrivaled speed

- The fastest large-capacity incubator with a mean access time of 15 seconds
- Provides individual speed settings per plate and adjustable incremental speed settings for different applications



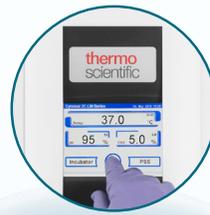
### Assured decontamination routine

Thermo Scientific Cytomat 24 incubators have a fully automated ContraCon thermal decontamination routine, well established in tens of thousands of Thermo Scientific™ Heracell™ and other Cytomat incubators throughout the world. This on-demand, automated 90 °C moist heat process is safe and provides you with true walk-away time.



### Expanded temperature range

Incubators and storage solutions covering a range of temperatures from 4 °C to 70 °C, with the fastest access in their class.



### Easy to use

- 5" LED glove-friendly display with intuitive operation for easy accessibility and viewing
- Set parameters, view actual environment conditions, inventory data and monitor warning alerts



### Additional plate in stacker verification

P<sup>3</sup>—sensor allows plate in stacker detection



### Flexible solution

Multiple loading/unloading location options with a flat gate design

## Flexible and versatile options to suit your requirements

### Precise humidity control

- HydraSmart ultrasonic vaporizer technology for controlled humidity and an external water reservoir for maximum convenience and minimal contamination risk

### Solid copper—antimicrobial material

- Only solid pure antimicrobial copper chambers are proven to be effective against contamination

### Further general options

- 1D Barcode reader
- Various stacker pitch sizes for different plate heights
- Customized stackers for different labware
- HydraSmart plus: Humidity control  $\leq 10\%$  rH for dry environment

### Specific options

- O<sub>2</sub> control (1–21% or 5–90%)
- hH—high humidity up to 98% rH at 37 °C\*
- Door Left hinges (DL)
- H<sub>2</sub>O<sub>2</sub> disinfection ports (GDF)

\* Condensate formation is possible



Also available is the Thermo Scientific™ Cytomat™ 24 Hotel for random access ambient storage. The large capacity storage hotel is designed to integrate into any automated system and are available in two configurations for maximum flexibility



Find out more at [thermofisher.com/cytomat24](https://thermofisher.com/cytomat24)

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