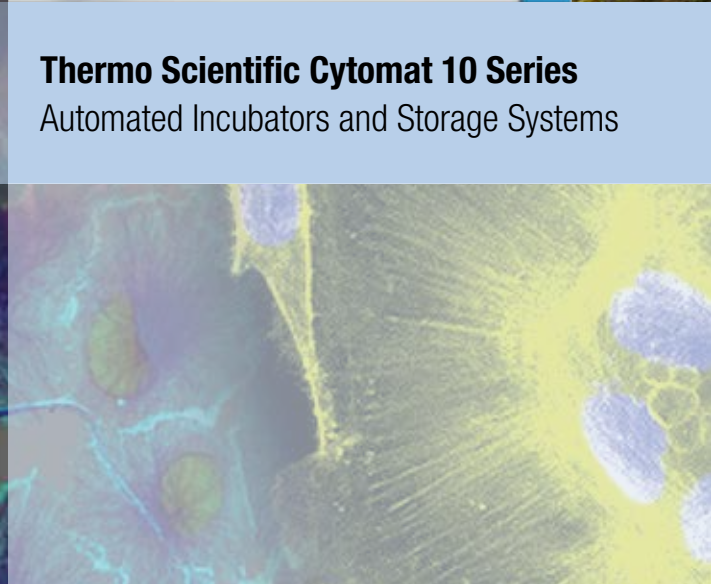


Thermo Scientific Cytomat 10 Series
Automated Incubators and Storage Systems



dependable sample protection **super fast access**

The next stage of advanced incubation and storage solutions,
providing super-fast access, a wide temperature range and
dependable sample protection

Thermo
SCIENTIFIC

safeguarding your samples no compromises

Overview

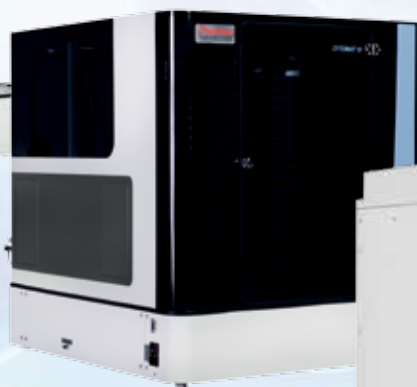
The Thermo Scientific™ Cytomat 10™ Series provides ideal solutions for high-capacity incubation and storage, combining superior environmental conditions with super-fast access and reliable sample protection.

The range of automated incubators and ambient storage offer tightly controlled temperature regulation, as well as the flexibility to adapt to different assay and culture conditions.

- High-capacity, immediate access
- Fully automated decontamination routine
- Controlled humidity
- Wide temperature range available, from 4 to 50 °C
- Smooth and precise handling



Cytomat 10 Hotel



Cytomat 10 Hotel with
Perspex Housing



Cytomat 10 C/C450
Automated Incubator



Unrivalled Speed

The fastest incubators and hotels in their class, with a mean access time below 10 seconds. In addition, individual speed settings per plate and adjustable incremental speed settings are possible.



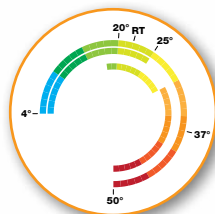
Assured Decontamination

Thermo Scientific Cytomat 10 incubators have a fully automated ContraCon thermal decontamination routine, well established in over 60,000 HeraCell incubators throughout the world.



Precise Humidity Control

HydraSmart technology for controlled humidity and an external water reservoir for maximum convenience and minimal contamination risk.



Expanded Temperature Range

Incubators and storage solutions covering a range of temperatures, and including the fastest available wide temperature range unit (4 - 50 °C) in its class.



Easy Everyday Use

- LED glove-friendly display with intuitive operation
- Read-out messaging and warning alerts
- Two display sizes (5" and 7")

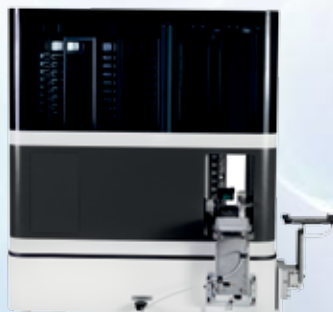


Flexible Solution

- Suitable for bench top and under bench
- Multiple loading/unloading location options



Cytomat 10 Hotel



Cytomat 10 Hotel with Perspex Housing



Cytomat 10 C/C450 Automated Incubator

flexibility and versatility for all solutions

Options and accessories

Wide range of transfer stations



Standard transfer station

Supplies the microplate in portrait format. A 90° turnable version is also available for presentation in landscape format.



Swap station (180°)

180° turnable swap station to accelerate your handling process.



Linear transfer station

Available in different lengths (300, 400 and 500 mm) for extended reach. Delivers the microplate in portrait format, with further options for landscape presentation or lateral movement.



Plate lift for under bench solution

Stepper motor driven (SMD) technology offers microplate movement to a predefined height within a 500 mm stroke.

Many more options available

General options

- Barcode reader
- SiLA interface option for fast and easy integration
- Various stacker pitch sizes for different plate heights
- Customized stackers for different labware

Specific options

- O₂ control (1-21% or 5-90%)
- hH – high humidity up to 98% rH at 37 °C*
- CyMon – remote monitoring application, including 10" tablet (for NGD only)
- Door Left hinges (DL)
- Copper inner chamber (Cu)
- H₂O₂ disinfection ports (GDF)
- Dual Access Point (DAP) for Cytomat 10 Hotels

* Condensate formation is possible

one product series for every application

Applications

Developed by the inventors of microbiological incubators and taking advantage of over two decades of unequalled experience on automation, the Cytomat 10 series offers the broadest set of capabilities for incubation and storage. It delivers robust, consistent environmental conditions, with minimal effort and the fastest access times on the market.

The Cytomat 10 series is the solution for all applications - from random ambient, through low temperature and room incubation, to 37 °C incubation and hybridization, and beyond.

| Model | Controlled temperature range | Low temperature storage | Ambient random access storage | Room temperature incubation | Biochemical assays | Cell Assays | Mammalian and microbial cell incubation | HTS | HCS | Short term incubation |
|------------------|------------------------------|-------------------------|-------------------------------|-----------------------------|--------------------|-------------|---|-----|-----|-----------------------|
| Cytomat 10 Hotel | Ambient | | ● | ● | ● | | | ● | ● | ● |
| Cytomat 10 C | (Ambient + 10 °C) - 50 °C | | | ● | ● | ● | ● | ● | ● | ● |
| Cytomat 10 C425 | 4 - 25 °C | ● | | ● | ● | | | ● | ● | ● |
| Cytomat 10 C450 | 4 - 50 °C | ● | | ● | ● | ● | ● | ● | ● | ● |

● Capability
● Good capability

Stacker Options

| Plate Type | Stacker Version | Max. Plate Height | Number of Capacity |
|----------------------------|-----------------|-------------------|--------------------|
| 1536 well-plates | Stacker P17 | 12 mm | 280 |
| 96 or 384 well-plates | Stacker P23 | 18 mm | 210 |
| Transwell or insert plates | Stacker P33 | 28 mm | 150 |
| Deep well-plates | Stacker P50 | 45 mm | 100 |



Thermo Scientific Cytomat 10 series - discover your advanced incubation and storage solution today.

- Mean access time below 10 seconds
- Automated decontamination routine with ContraCon
- Controlled humidity through Hydra Smart technology
- Wide temperature ranges available

thermoscientific.com/cytomat10

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North America Sales +1 200 449 2355
North America Office +1 905 332 2000
Europe, Middle East, Africa +49 6184 90 6476
China +86 800 810 5118
Japan 0120 753 670
Australia +61 8 8208 8200

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