



# Automated Incubation and Storage

## Solutions for mid-range storage capacity

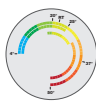
Combining superior environmental conditions and super-fast access, the Thermo Scientific™ Cytomat™ 5 Series provides ideal solutions for incubation and storage for laboratories requiring a mid-size capacity.

Developed by the inventors of microbiological incubators and taking advantage of over two decades of unequalled experience in automation, the Cytomat 5 Series offers the broadest set of incubation and storage capabilities. Tightly controlled temperature regulation and the flexibility to adapt to different conditions ensure reliable sample protection.



### Unrivalled Speed

Fastest mean access time in their class



### Expanded Temperature Range

Various models available to match application and temperature requirements



### Assured Decontamination

Fully automated ContraCon thermal, non-toxic decontamination routine



### Precise Humidity Control

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



### Smooth and Precise Handling

Steady plate shuttle movements limit disturbance for consistent assay performance



### Flexible Solution

Suitable for bench top and under bench, with different location options for loading/unloading available and the chance to increase capacity with an additional stacker position





### Easy Everyday Use

Glove-friendly display (5" and 7" available) with intuitive operation, read-out messaging and warning alerts

Find out more at [thermofisher.com/Cytomat](http://thermofisher.com/Cytomat)

## A product range for many applications

Model	Controlled temperature range	Low temperature storage	Room temperature incubation	Biochemical assays	Cell Assays	Mammalian and microbial cell incubation	HTS	HCS	Short term incubation
<b>Cytomat 5 C</b>	(Ambient + 10 °C) - 50 °C		●	●	●	●	●	●	●
<b>Cytomat 5 C425</b>	4 - 25 °C	●	●	●			●	●	●
<b>Cytomat 5 C450</b>	4 - 50 °C	●	●	●	●	●	●	●	●

 Capability  
 Good capability

### Options and accessories

The Thermo Scientific™ Cytomat™ 5 Series provides medium capacity incubation and storage while still offering all of the features of the well-established Cytomat 10 Series. It also benefits from the full range of Cytomat options and accessories, opening up an array of possibilities to suit your requirements and specific applications.

#### 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
- Wide range of transfer stations available:
  - Standard transfer station
  - Linear transfer station (different lengths available)
  - 90° turnable station and swap station (180°)
  - Plate lift for under bench (within a 500 mm stroke)

#### Specific options

- O<sub>2</sub> control (1-21% or 5-90%)
- hH – high humidity up to 98% rH at 37 °C\*
- CyMon – remote monitoring application, incl. 10" tablet\*\*
- Door Left hinges (DL)
- Copper inner chamber (Cu)
- H<sub>2</sub>O<sub>2</sub> disinfection ports (GDF)
- Increase capacity with an additional stacker position

\*Condensate formation is possible \*\*Next Generation Display included

#### Stacker Options

Plate Type	Stacker Version	Max. Plate Height	Number of Capacity
156 well-plates	Stacker P17	12mm	140
96 or 384 well-plates	Stacker P23	18mm	105
Transwell or insert plates	Stacker P33	28mm	75
Deep well-plates	Stacker P50	45mm	50
Tip boxes	Stacker P69	64mm	35