

Automated storage systems for your assays

Thermo Scientific™ Cytomat™ ambient random access storage hotels are designed to integrate into any automated system. With benchtop to floor standing models, Cytomat Hotels can accommodate from 42 to 1008 shallow-well plates, whilst the integrated plate shuttle system (PSS) can handle all SBS standard microplate formats, including deep-well plates and tip boxes.

Easy integration and simple to use

- Single point of integration using the plate shuttle system and transfer station
- Consistent interface software across all Cytomat systems
- Stackers can be quickly removed and replaced without disruption and are fully autoclavable

Highlights

- Robust, reliable design—Industry work horse
- Space-saving carousel and under-bench version
- Mix and match different plate types
- Various transfer positions
- Low vibration linear hotels for crystallography
- Tall tip box storage

Thermo Scientific Cytomat Hotels

Flexibility and versatility to meet the needs of any integration platform

Many options available

- Barcode reader
- TRUE orbital Shaking solution (Cytomat 2 C-LiN Hotel only)
- Dual Transfer Station position on one axis (Cytomat 24 Hotel only)
- Dark protective housing for dust/light protection
- Various stacker pitch sizes for different plate heights
- Customized stackers available for different labware
- Tall tip boxes up to pitch 172 (optional Cytomat 24 Hotel only)

Wide range of transfer stations

- Standard—delivers plates in portrait position
- 90° (for landscape format) and 180° swap station
- Linear transfer stations with multiple lengths
- Plate lifts for under-bench integrations

	Cytomat 2-LiN Hotel	Cytomat 10 Hotel	Cytomat 24 Hotel	Cytomat 48 Hotel LIN
Capacity				
1536-well plates	56	280	672	1344
96-well or 384-well plates	42	210	504	1008
Transwell or insert plates	30	150	360	720
Deep-well plates	20	100	240	480
Tip boxes up to pitch 69	14	70	168	336
Tip boxes up to pitch 123	On request	40	96 (optional)	On request
Tip boxes up to pitch 172	On request	On request	72 (optional)	On request
Handling system	Linear	Carousel	Carousel	Linear
Mean access time	12 sec	Below 10 sec	15 sec	<30 sec
Transfer station	Height adjustable	Selectable (dual access)	Selectable (dual access on one axis)	Height adjustable
Configuration				
Under-bench	✓	✓		
Benchtop	✓	✓		
Floor Standing			✓	✓
Voltage: 100–230 V, 50/60 Hz				



Choose Cytomat 2-LiN for the most compact system



Choose Cytomat 10 Hotel for fastest speed and most versatile configuration



Choose Cytomat 24 for highest capacity mixed with super-fast access



Choose Cytomat 48 for the largest capacity hotel

Find out more at thermofisher.com/cytomathotel