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

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Cytomat 2-LiN Hotel</th>
<th>Cytomat 10 Hotel</th>
<th>Cytomat 24 Hotel</th>
<th>Cytomat 48 Hotel LIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1536-well plates</td>
<td>56</td>
<td>280</td>
<td>672</td>
<td>1344</td>
</tr>
<tr>
<td>96-well or 384-well plates</td>
<td>42</td>
<td>210</td>
<td>504</td>
<td>1008</td>
</tr>
<tr>
<td>Transwell or insert plates</td>
<td>30</td>
<td>150</td>
<td>360</td>
<td>720</td>
</tr>
<tr>
<td>Deep-well plates</td>
<td>20</td>
<td>100</td>
<td>240</td>
<td>480</td>
</tr>
<tr>
<td>Tip boxes up to pitch 69</td>
<td>14</td>
<td>70</td>
<td>168</td>
<td>336</td>
</tr>
<tr>
<td>Tip boxes up to pitch 123</td>
<td>On request</td>
<td>40</td>
<td>96 (optional)</td>
<td>On request</td>
</tr>
<tr>
<td>Tip boxes up to pitch 172</td>
<td>On request</td>
<td>On request</td>
<td>72 (optional)</td>
<td>On request</td>
</tr>
</tbody>
</table>

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