

Dependably fast and precise plate delivery

Thermo Scientific Cytomat SkyLine

In high throughput and ultra-high throughput screening (HTS/uHTS), dependable plate delivery is of paramount importance for screening efficiency.

Advance your workflow

Designed specifically to support more efficient screening workflows, the Thermo Scientific™ Cytomat™ SkyLine is the ultimate solution for high capacity, sequential plate storage and delivery. With 14 stackers, it is able to store up to 728 microplates, or any combination of stacks of different plate types, lids and tip boxes.

Market leading speed and reliability

Its unique sequencing and centering system separates plates from a stack and presents them with unparalleled accuracy - virtually eliminating plate-to-gripper misalignment and subsequent downtime. And with the fastest plate access time in its class, the Cytomat SkyLine can really improve screening efficiency.

Flexibility for your current and future needs

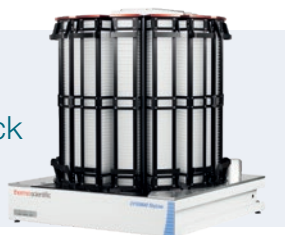
The Cytomat SkyLine also has the exclusive ability to receive processed plates back, enabling a plate to be taken, sealed and returned to the stacker - flexibility unmatched by other sequential plate stackers.



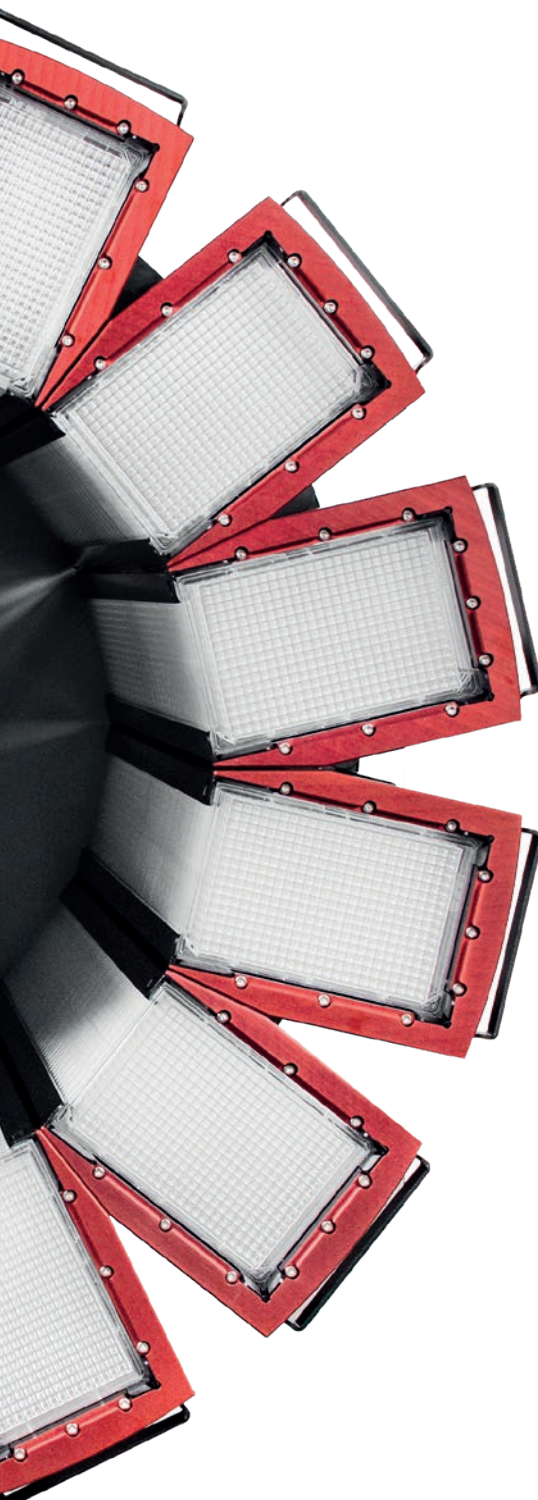
Improves screening platform efficiency

Multipurpose; capable of receiving plates back

Fast and highly dependable



Thermo Scientific Cytomat SkyLine



Fast and dependable

- Fastest-in-class plate access time
- Centering accuracy +/- 0.3 mm supports lidding of plates and backloading after assay set-up

Designed for the user

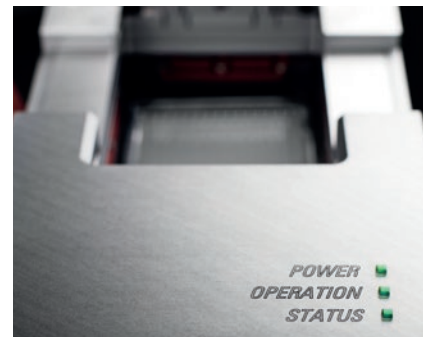
- Stacker sensors calculate how many plates are in a stacker
- LED indicators show whether it is busy or idle and warn if there is an error

Future proofed, easy integration

- Uses the standard Cytomat command set
- Interface via RS232 or Ethernet

Adaptable to your needs

- Suitable for a variety of applications and requirements, including high content screening:
 - Shallow well plates
 - 96 and 384 to 1536 well plates
 - Lids
 - Tip boxes
 - Sealed plates
- Processed labware can be returned to the stacker for ambient storage and incubation with lids/seals



Options

- Plate lift (up to 150mm); Cytomat SkyLine can be located under the workbench/platform if space is tight
- Barcode reader – 1D or 2D – for accurate inventory management
- Perspex housing, including door lock/key or door switch, for use outside an enclosed platform

Find out more at thermofisher.com/CytomatSkyLine