

# Sierra Automated Storage and Retrieval System

Exclusively from...  
**TEKMATIC**

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Machine Design & Engineering LLC

The Sierra is a rugged high speed storage and retrieval system for pharmaceutical and medical device products. At the heart of the Sierra is a linear motor based robot system delivering ultra-high accelerations with smooth quiet performance. Cascading hotel racks allow for vast amounts of storage all in a compact footprint.

In addition to standard ambient environments, the Sierra can be easily configured for temperatures as low as  $-20^{\circ}\text{C}$ , as high as  $80^{\circ}\text{C}$ , and with optional humidity control or nitrogen purge.

Sierra's user interface is easy to use, monitors system health and faults, and integrates into production systems via API

A full system scan is performed at the startup detecting and barcode scanning every tray.



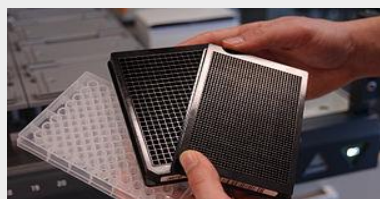
Doors Closed



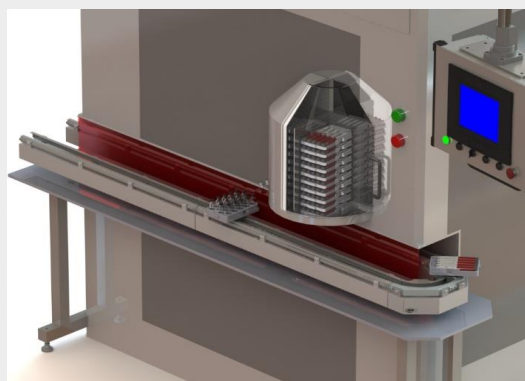
Doors Open



Cascading Storage Hotels  
(with removable option)



Multi Product Trays or  
SBS Format



Sierra storage systems can be used stand alone or integrated with inline conveyers or robotic pick and place systems

## Custom Options:

- Temperatures as low as  $-40^{\circ}\text{C}$
- Temperatures as high as  $120^{\circ}\text{C}$
- Customized storage trays