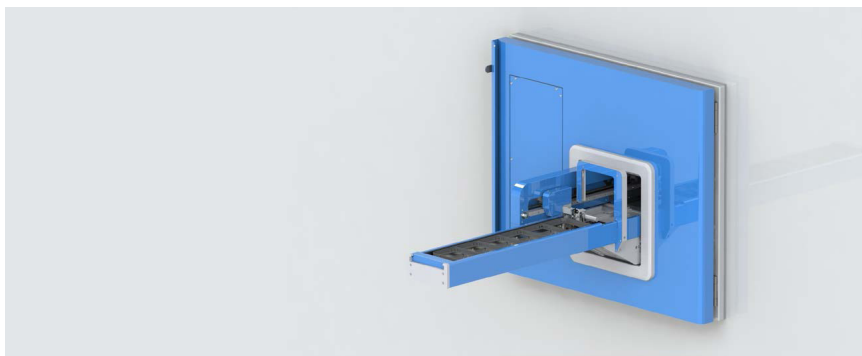




Automation Interface Module (AIM)

Introduction

The AIM delivers samples to (or conversely, receives samples from) an Azenta 6 Position SD Rack Tray on its external diving board location. Any samples that can be presented onto SBS format racks (whether tubes, vials or plates) can be interchanged in this manner. The AIM therefore provides a means of directly interfacing the store with some external automation/system.



The standard I/O module remains available for interfacing depending on use case (e.g. ad-hoc sample picking / return, initial store loading, ...).

Key Benefits

- Supports reduced turnaround time
- Greater overall throughput and reduction of manual processing
- Enables direct integration with automation platforms
- Supports any samples (tubes, vials and plates) stored on SBS format racks



AIM I/O Platform/SBS Racks

Typical Applications

- Carousel based Input/Output to enable easy transfer of samples to/from a detached platform
- Sample thawing, centrifuging, auditing, tube picking and carousel Input/Output
- Liquid handling platforms (Tecan, Hi-Res Bio, Perkin-Elmer, Labcyte, Dynamic Devices, and more...)
- Tube decapping and auditing
- Azenta high volume liquid handling platform
- Azenta Prep Cell
- Acoustic dispensing

Strata Sample Management Software

Integrated system control software (LIMS, automation scheduler, ...) would use the Strata™ API (Application Program Interface) to request sample movement in and out of the AIM.

For further details on the Azenta AIM Web API and Azenta integrated workcell products, please contact your local Azenta representative.



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