

The ThermoFisher Laboratory Automation System (LAS) serves as the cornerstone technology for the Living Biofoundry, enabling execution of automated customized synthetic biology and workflows at >500 samples-per-week. The LAS is equipped with over of over 10 functional instrumental components, including: a state-of-the-art SpinnakerTM microplate robot, automated incubators, reagent dispensers, thermal cyclers, plate sealer, and carousels/racks that are seamlessly integrated through the MOMENTUMTM application programming interface that is fully-compatible with laboratory information management systems (LIMS).

## **Reference documentation**

 $momentum\_6.1\_training\_module\_4\_v3\_spinnaker\_advanced.pdf$ 

spinnaker\_user\_guide.pdf

30124664\_ifu\_spark\_ref\_english\_v2\_0.pdf

operating\_instructions\_cytomat\_44.pdf

elx405\_user\_manual\_sd-xb000358.pdf

440140\_-\_azenta\_xpeel\_user\_manual.pdf

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