



Increase Throughput with the
Thermo Scientific Catalyst Express and
Matrix Automated Liquid Handling

Service and Support

Our support specialists work in partnership with you to keep your instruments performing at their peak. We understand how vital these instruments are to your success and take pride in setting the industry's standard through service excellence.

To arrange for service in North America or extend your warranty, contact us at 888.363.6631 or matrix.technicalservice@thermofisher.com.

Ordering Guide

Item No.	Product Description
25563	Catalyst Express Robotic Arm* (North America) Includes: Arm, three 15-Microplate capacity Random Access Hotels, Microplate Gripper
25565	Catalyst Express Robotic Arm* (Europe) Includes: Arm, three 15-Microplate capacity Random Access Hotels, Microplate Gripper
25566	Catalyst Express Stationary Guarding
25563-001	Catalyst Express Instrument Joiner Plate
25563-002	Catalyst Express D.A.R.T.s Gripper Tool for changing D.A.R.T.s Automation Tips
25563-003	Catalyst Express D.A.R.T.s Hotel Standard w/seven D.A.R.T.s positions for changing D.A.R.T.s Automation Tips

*Includes a comprehensive one-year warranty with purchase. Extended warranty packages are available upon request.

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Automated liquid handling applications are completely 'walk-away' with an integrated Thermo Scientific Catalyst Express robotic arm and Thermo Scientific Matrix liquid handlers. Seamlessly integrated with the Matrix line of automated liquid handlers, the Catalyst Express changes both labware and Thermo Scientific Matrix D.A.R.T.s® (Disposable Automation Research Tips). This customizable solution increases throughput, walk-away time and efficiency of any laboratory.

Take Liquid Handling to the Next Level.

Adding a Catalyst Express to a Matrix liquid handler increases productivity and throughput of applications such as genomics, primary and secondary compound screening, cell-based assays and ELISA. The Catalyst Express 5-axis robotic arm, with 360° range of motion at its base, loads Matrix D.A.R.T.s and standard microplates on and off Thermo Scientific Matrix liquid handling platforms as well as accesses other Thermo Scientific products such as ALPS 3000 plate sealer, Matrix WellMate and Matrix VisionMate 2D Barcode readers.

Hands-Free Approach.

Using the Catalyst Express robotic arm to change D.A.R.T.s and microplates allows a totally hands-free approach to medium- to high-throughput applications. This integrated system comes standard with a customer configurable combination of D.A.R.T.s hotels (7 standard length D.A.R.T.s positions available) and random access microplate hotels (15 microplate capacity each). This allows you to configure the number of D.A.R.T.s and microplate positions for a variety of application needs. Additional D.A.R.T.s and microplate hotels are available separately for systems requiring larger capacity.

Upgradeable Solution.

Both the Catalyst Express and the Matrix line of liquid handlers have a wide range of upgrade accessories to meet your application needs. Integrating additional equipment with the Catalyst Express is easy with the addition of POLARA scheduling software and component integration by Thermo Fisher Scientific experts.



Labware Flexibility.

The Catalyst Express comes standard with three 15-microplate capacity random access hotels for application flexibility, allowing labware to be placed on and retrieved from any of the 15 plate positions per hotel. Hotels accommodate standard, low profile and tall height labware in either portrait or landscape format. Additional random access hotels can be added to the Catalyst Express system, and D.A.R.T.s (standard and extended length) can be stacked and accessed via hotel positions.



One Software Interface.

All Catalyst Express controls are integrated with intuitive ControlMate software, making programming simple and convenient. All ControlMate interfaces and add-in modules are license free and can be downloaded from our website. Labs adding a Catalyst Express onto existing Thermo Scientific Matrix equipment are able to use this familiar interface for liquid handling and plate shuffling procedures.



Schedule a consultation with a liquid handling representative to identify opportunities for maximizing your applications at 800.345.0206 or matrix.info@thermofisher.com

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