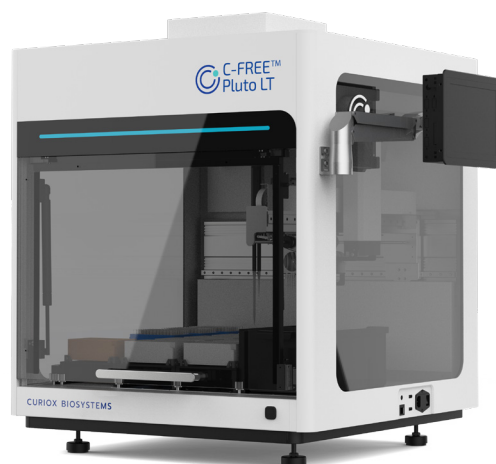




Curiox C-FREE™ Pluto LT System

SPECIFICATION SHEET



The Curiox C-FREE™ Pluto LT System is an affordable, personalized automation system for cell sample preparation workflows. This automated liquid handling platform enables cell washing and staining processes using standard format 96-well microplates, deep-well plates, tubes and pipette tips. Minimal optimization is needed to port your assay onto the system. The system provides ease-of-use with Curiox assay protocol scripting services, and supports personalized automation with enhanced efficiency, consistency, and reliability.

Performance Specifications

Pipette Precision	5 μ L CV<4%; 200 μ L CV<1%
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Maximum Pipetting Volume	250 μ L / 1000 μ L
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Sample Types	Suspension mammalian cell types: 24-wells per run Cells: 32-wells per run
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Research Areas	Immunology, Cell Therapy
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Key Applications	Flow cytometry immunophenotyping assays; cell sorting, multi-omics sample preparation
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System Specifications

Dimensions (D x W x H) - Closed	740 mm x 790 mm x 895 mm 29.1 in. x 31.1 in. x 35.2 in.
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Dimensions (D x W x H) - Open	740 mm x 790 mm x 1000 mm 29.1 in. x 31.1 in. x 39.4 in.
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Weight 140 kg / 309 lbs

Power Supply 100–240 V~, 50/60 Hz, 10 A

Arm Configurations 1-channel pipetting module
8-channel fixed pipetting module
Gripper module (optional)

Deck Capacity 15 SBS Plate Position
(including solid waste and liquid waste bin)

Pipetting Principle Air displacement

Liquid Level Detection Pressure liquid level detection

Calibration Engineer calibrated during installation and annual
preventive maintenance*

Touchscreen 12 inches

Communication Interface USB, ethernet

System Configuration Stand-alone

* Annual Preventive Maintenance is highly recommended to ensure that the system is functioning at peak performance.

Description

Part No.

C-FREE™, Pluto LT Workstation

CF-PLU-LH08-01

C-FREE™ Pluto LT Workstation with Gripper and Tilter

CF-PLU-LH08A-01

C-FREE™ Pluto LT Workstation, All Accessories

CF-PLU-LH08B-01

See the future of cell sample preparation automation at www.curiox.com/pluto



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