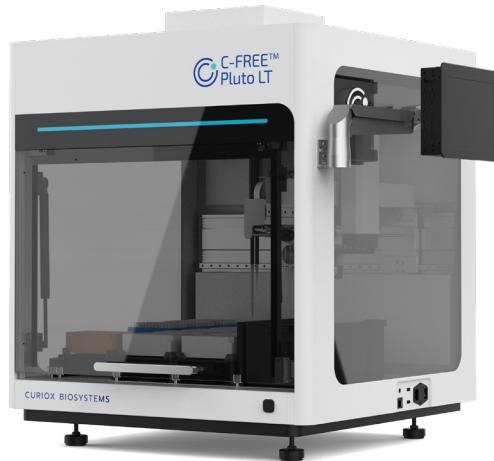




Curiox C-FREE™ Pluto LT System

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 µL CV<4%; 200 µL CV<1%

Maximum Pipetting Volume 250 µL / 1000 µL

Sample Types Suspension mammalian cell types: 24-wells per run
Cells: 32-wells per run

Research Areas Immunology, Cell Therapy

Key Applications Flow cytometry immunophenotyping assays;
cell sorting, multi-omics sample preparation

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.

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.

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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