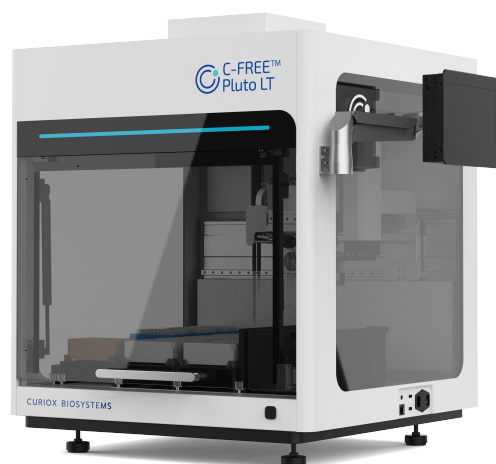




Curiox C-FREE Pluto LT System

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%

Maximum Pipetting Volume

250 μ L / 1000 μ L

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) - System

730 mm x 750 mm x 845 mm
28.7 in. x 29.5 in. x 33.3 in.

Dimensions (D x W x H) - Door

690 mm x 470 mm
27.16 in. x 18.5 in.

Weight 128 kg / 282.2 lbs

Shipping Crate Dimensions (D x W x H) 950 mm x 1100 mm x 1100 mm
3.1 ft x 3.6 ft x 3.6 ft

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

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

Deck Capacity 15 stations

Pipetting Principle Air displacement

Liquid Level Detection Pressure liquid level detection

Calibration Engineer calibrated during installation and annual preventive maintenance*

Touchscreen 12 in.

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 System, 8-channel Liquid Handling Head

CF-PLU-LH08-01

C-FREE, Pluto LT System, 8-channel Liquid Handling Head with Gripper and Tilter

CF-PLU-LH08A-01

C-FREE, Pluto LT System, 8-channel Liquid Handling Head
All Accessories

CF-PLU-LH08B-01

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



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