



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

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|-------------------|------------------------------------|
| 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

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| Dimensions (D x W x H) - System | 750 mm x 730 mm x 845 mm 29.5 in. x 28.7 in. x 33.3 in. |
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| Dimensions (D x W x H) - Door | 690 mm x 470 mm 27.16 in. x 18.5 in. |
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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

10 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 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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