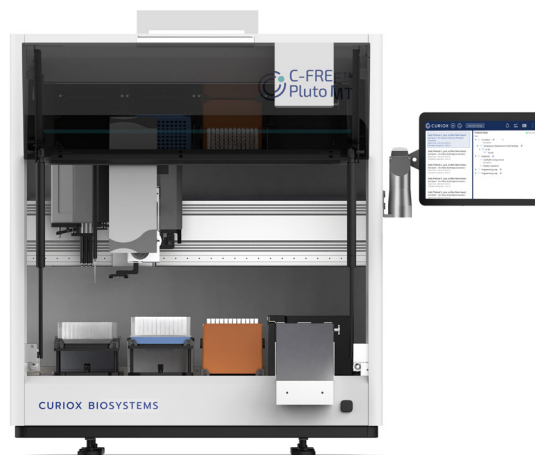




Curiox C-FREE™ Pluto MT System

SPECIFICATION SHEET



The Curiox C-FREE™ Pluto MT System is an affordable, configurable 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 Pluto MT system is a mid-throughput instrument that offers ease of use with Curiox assay protocol scripting services and supports personalized automation, enhancing 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	1 - 1000 μ L
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Sample Throughput	24 - 72 wells per run
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Sample Types	Whole blood, bone marrow, mammalian cells, yeast cells
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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.

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
24-channel fixed pipetting module
Gripper module (optional)

Deck Capacity

15 SBS Plate Position
(including solid waste and liquid waste chute)

Pipetting Principle

Air displacement; simultaneous pipetting of 24 channels

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 MT Workstation

CF-PLU-LH08MT-01

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



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