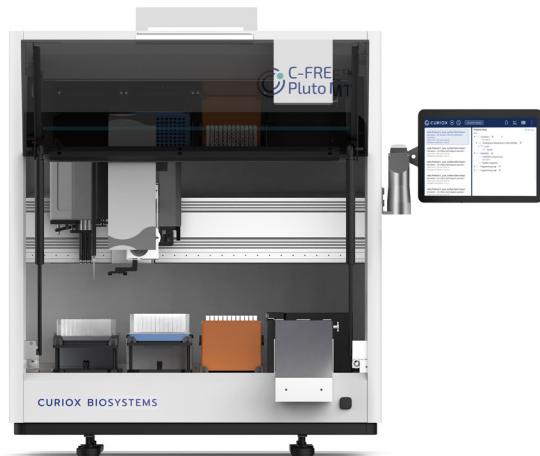




# Curiox C-FREE™ Pluto MT System

## 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 µL CV<4%; 200 µL CV<1%
Maximum Pipetting Volume	1 - 1000 µL
Sample Throughput	24 - 72 wells per run
Sample Types	Whole blood, bone marrow, mammalian cells, yeast cells
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 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.
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C-FREE™ Pluto MT Workstation	CF-PLU-LH08MT-01
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See the future of cell sample preparation automation at [www.curiox.com/pluto](http://www.curiox.com/pluto)



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