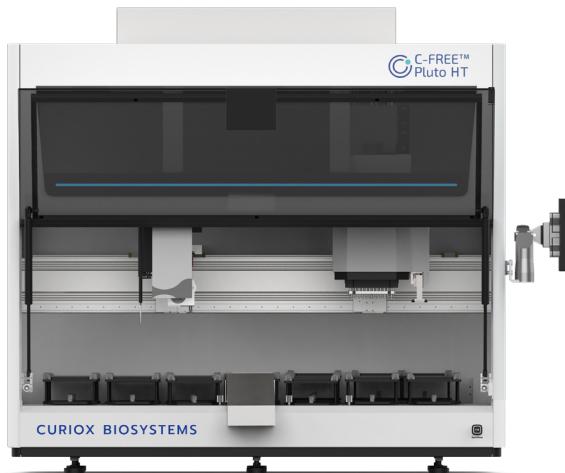




# Curiox C-FREE™ Pluto HT System

## SPECIFICATION SHEET



The Curiox C-FREE™ Pluto HT 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 HT 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  $\mu$ L CV<4%; 200  $\mu$ L CV<1%

Maximum Pipetting Volume 1 - 1000  $\mu$ L

Sample Throughput 96

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 1090 mm x 1085 mm  
29.1 in. x 42.9 in. x 42.7 in.

Dimensions (D x W x H) - Open 740 mm x 1090 mm x 11168 mm  
29.1 in. x 42.9 in. x 46.0 in.

Weight 215 kg / 474 lbs

Deck 30 SBS Plate Position  
(including solid waste and liquid waste bin)

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

Arm Configurations 4-channel pipetting module  
96-channel fixed pipetting module  
Gripper module

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

Systems 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 HT Workstation

CF-PLU-LH08HT-01

See the future of cell sample preparation automation at [www.curiox.com/pluto](http://www.curiox.com/pluto)



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