



# 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
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 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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