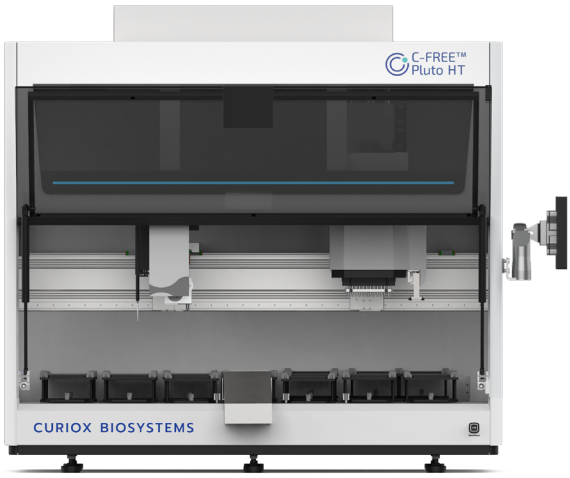
CURIOX
BIOLOGY AT ITS BEST

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 µL CV≤8%; 250 µL CV≤1.4%
Maximum Pipetting Volume	1 - 1000 µL
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 1168 mm 29.1 in. x 42.9 in. x 46.0 in.

Weight	240 kg / 529.1 lbs
Deck	28 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

For Research Use Only. Not for use in diagnostic procedures.

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