One Lambda **HLA** *PRO*

Automated Productivity with Walk-away Capability



Key benefits

Flexibility

- Single deck layout for multiple assay automation

Productivity

- Up to 384 samples per run for bead-based assay automation and 192 sample results per run for NGS sample prep automation

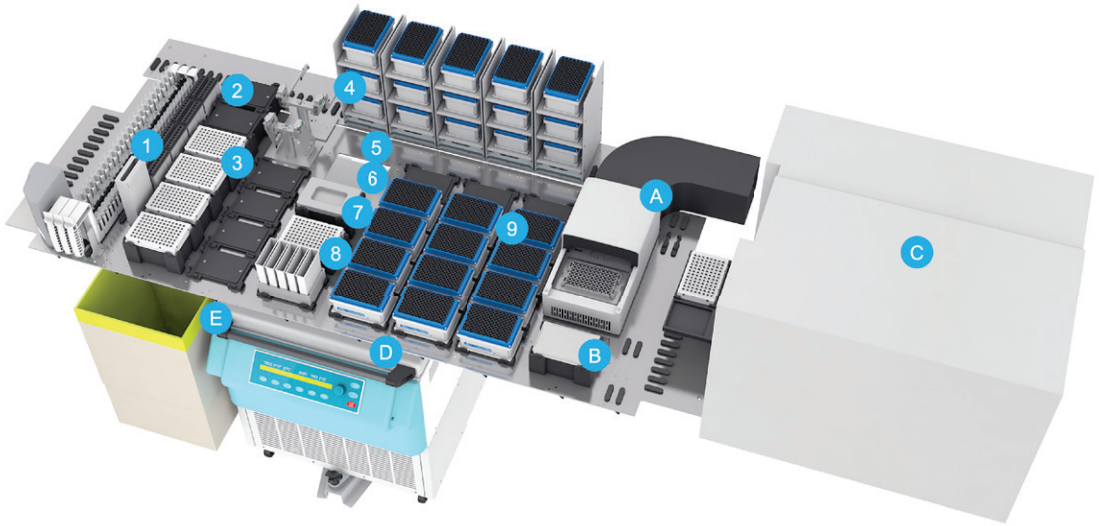
Accuracy

- Superior liquid level detection and low volume pipetting

Easy-To-Use

- User-friendly software interface

One worktable for all workflows



1. Loading ID
2. Bulk reagents
3. Sample/Processing plates
4. Finger Exchange System
5. Centrifuge access
6. Balancing plate
7. Shaker
8. Liquid waste
9. Disposable tips
A. Thermal cycler
B. Lid parking position
C. Luminex Reader
D. Centrifuge
E. Disposable tip waste

Delivering efficiency, flexibility and performance to meet your laboratory's evolving needs

Technical specifications		
System Overview	Robotic arms	Capable of using 2 robotic arms simultaneously
	Deck check	Utilize a step by step deck loading procedure to help customers load correct labware and reagents, comparing to the expected deck layout and highlight any discrepancies.
	Robotic gripper arm	The long Z axis on the gripper arm enable the access to below deck; automatic Finger Exchange System with gripper fingers – eccentric and long eccentric
	Door locks	Doors (hood and centrifudge) lock protect process from free access
Liquid Handling Performance	Flexible channel arm	8 pipetting channels, independent Z movement; automatic Y tip spacing from 9-38 mm
	Liquid detection	Down to 2 µl aqueous solution or 3 µl deionized water or 10 µl ethanol in a 96-well skirted PCR microplate with DiTi 10; Determination of presence of sufficient liquid; liquid arrival check
	Volume range	See table below
Dimensions (HxWxD)	Full configuration	2,301 mm/90.6" 2,286 mm/90.0" 785 mm/30.9"
	Base configuration	2,301 mm/90.6" 1,650 mm/65.0" 785 mm/30.9"
Weight	Base model	140 kg/306 lbs
	Full configuration	254 kg/535.3 lbs

Tip Type	Volume Precision	CV	Accuracy
10ul	0.5ul, 10ul	≤6.0% ≤1.0	±9.5% ±2.0%
50ul	1.0ul 50ul	≤4.0% ≤.3%	±8.0% ±0.5%
200ul	10.0ul 200ul	≤2.0% ≤0.2%	±2.0% ±0.5%
350ul	10ul 200ul	≤2.0% ≤0.5%	±2.0% ±0.5%
1000ul	10ul 1000ul	≤2.0% ≤0.3%	±3.0% ±0.0%

Contact us to find out more.

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