

AUTOMATED SAMPLE PROCESSING SYSTEM LIH16-48T



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Labstac's Automated Sample Processing System is used to uncapping, dispensing and recapping at one time automatically with real time monitoring system

Used in Clinical diagnosis, forensic identification, scientific research epidemic surveillance, food safety.

Also known as Automated sample preparation system, Automated sample analysis.

LIH16-48T AUTOMATED SAMPLE PROCESSING SYSTEM

Safety: Automated Sample Processing System is equipped with high-efficiency filter and built-in UV lamp, and it can be used with a biological safety cabinet, to effectively prevent aerosol pollution

Efficient: Cooperative processing with dual robotic arms

Convenient: Visual interface operation, easy to operate

Compatibility: Compatible with a variety of pipette tips, deep well plates, sampling tubes. (including blood collection tubes) specifications

Smart: One-key operation, smart dispensation



SPECIFICATIONS

Model	LIH16-48T
Throughput	1-48
Processing Time	48 samples/16min
Sample Type	Plasma, serum, whole blood, swab solution and other samples
Sample Rack	1Pcs, 6x8 with locking device (compatible with a variety of sampling tubes)
Robot Arm	2 pcs (Dispensation arm and Screw cap arm)
Plate Position	3 pcs (Compatible with multi-specification deep-well plates)
Tip Position	3 pcs (Including tip waste box position)
Reagent Rack	1 pcs (4x2ml centrifuge tube + 4x2ml freezing tube + 4x5ml freezing tube)
Protective Function	Can be used in a biological safety cabinet External droplet catch tray design With air-tight and anti-drip design
Liquid Detection	Pneumatic liquid level detection principle, intelligent detection of blocked needle
Pipetting Volume	5-100µl (1000/50µl Tip)
Pipetting Accuracy	10µl, CV ≤ 1.5%, Accuracy ≤ 6.0%, 50µl Tip 50µl, CV ≤ 1.0%, Accuracy ≤ 2.0%, 1000µl Tip 100µl, CV ≤ 0.5%, Accuracy ≤ 2.0%, 1000µl Tip
External Size	827x794x1223 mm
Package Size	Main instrument: 925x925x817 mm Base cabinet: 1030x995x1045 mm
Weight	Net Weight- 100kg Gross Weight- Main instrument: 115kg Base cabinet: 105kg
Power Supply	220V, 50/60Hz; 110V, 60Hz

LABSTAC

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