



# AUTOMATED SAMPLE PROCESSING SYSTEM BLIH-602

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## AUTOMATED SAMPLE PROCESSING SYSTEM

The Automated Sample Processing system can be used with a biological safety cabinet.

It can complete lid opening, closing, dispensing, proteinase K/internal control addition, which helps laboratories quickly improve their large-scale nucleic acid detection capabilities.



1. Safety: Automated Sample Processing system built in UV lamp, and it can be used with a biological safety cabinet, to effectively prevent aerosol pollution.
2. Efficient: Cooperative processing with dual robotic arms.
3. Convenient: Visual interface operation, easy to operate.
4. Compatibility: Compatible with a variety of pipette tips, deep well plates, sampling tubes.(including blood collection tubes) specifications.
5. Smart: One-key operation, smart dispensation.

## SPECIFICATIONS

Model	BLIH-602
Throughput	1~48
Processing Time	48 samples/16min
Sample Type	Plasma, serum, whole blood, swab solution and other samples
Sample Rack	1pc, 6*8 with locking device (compatible with a variety of sampling tubes)
Robot Arm	2pcs (Dispensation arm and screw cap arm)
Plate Position	3pcs (Compatible with multi-specification deep-well plates)
Tip Position	3pcs (Including tip waste box position)
Reagent Rack	1pc (4*2ml centrifuge tube + 4*2ml freezing tube + 4*5ml 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	5~1000 $\mu$ l (1000/50 $\mu$ l tip)
Pipetting Accuracy	10 $\mu$ l, CV $\leq$ 1.5%, Accuracy $\leq$ 6.0%; 50 $\mu$ l tip: CV $\leq$ 1.0%, Accuracy $\leq$ 2.0%; 1000 $\mu$ l tip: CV $\leq$ 0.5%, Accuracy $\leq$ 2.0%
Power Supply	220V, 50/60Hz; 110V, 60Hz
External Size(W*D*H)	827*794*1232
Net Weight	100kg
Package Size(W*D*H)	Main Instrument: 855*855*747; Base Cabinet: 960*925*975
Gross Weight	Main Instrument: 75kg; Base Cabinet: 65kg
Alt Name	Automated Sample Processing System

## APPLICATIONS

Sample processing for clinical diagnosis, epidemic surveillance, food safety, forensic identification, scientific research, etc., especially for samples of SARS-CoV-2 or other virulent infectious diseases.



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