



# AUTOMATED SAMPLE PROCESSING SYSTEM BLIH-602

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Biolab 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.

## BLIH-602 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               | BLIH-602  |
|---------------------|---|
| 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    | 5-100 $\mu$ l (1000/50 $\mu$ l Tip)   |
| Pipetting Accuracy  | 10 $\mu$ l, CV $\leq$ 1.5%, Accuracy $\leq$ 6.0%, 50 $\mu$ l Tip 50 $\mu$ l, CV $\leq$ 1.0%, Accuracy $\leq$ 2.0%, 1000 $\mu$ l Tip 100 $\mu$ l, CV $\leq$ 0.5%, Accuracy $\leq$ 2.0%, 1000 $\mu$ l 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   |



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)