



AUTOMATED SAMPLE PROCESSING SYSTEM BEM2BT1 (BLIH-603)

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The automated sample processing system is suitable for a variety of screw-cap sampling tubes, and can be loaded with the original tube with the cap. It has functions such as automatic opening and closing of the cap, sample handling, and addition of proteinase K/internal standard. 96 samples can be completed within short time, helping laboratories to quickly improve their large-scale nucleic acid testing capabilities.



1. Safety: Equipped with double independent, specific anti aerosol cross contamination device, high efficiency ultraviolet disinfection module, external liquid trap tray.
2. Efficient: 96 samples were processed within 25 minutes, with double manipulator, double sample addition and double screw cover channel.
3. Convenient: 10.1-inch HD touch screen, user-friendly operation interface, one-click software operation, quick mastery; Pull-out scrap TIP storage box design, more convenient cleaning.
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	BEM2BT1
Old Model	BLIH-603
Throughput	1~96
Processing Time	96 samples/25min
Sample Type	Plasma, serum, whole blood, swab solution and other samples
Sample Rack	1pc (Compatible with a variety of sampling tubes)
Robot Arm	2pcs (Dispensation arm and screw cap arm)
Clamping Arm	2pcs, Independence movement
Pipetting Method	Specific mechanical pipetting fluids
Plate Position	3pcs (Compatible with multi-specification deep-well plates)
Tip Position	3pcs (Including tip waste box position)
Reagent Rack	Yes, 4x4 reagent carrier, can hold bullet cryotube
Pollution Prevention&Control	External droplet capture tray design; Anti-aerosol cross-pollution device; UV Light; Air-tight and anti-drip design
Liquid Detection	Pneumatic liquid level detection principle, intelligent detection of blocked needle
Pipetting Volume	5~1000μl
Pipetting Accuracy (20μl)	20μl, CV≤2%, Accuracy≤5.0%
Pipetting Accuracy (1000μl)	1000μl, CV≤0.5%, Accuracy≤1.0%
Power Supply	Standard: 220V, 50/60Hz; Optional: 110V, 50/60Hz
Power	350W
External Size(W*D*H)	1180*680*760mm
Net Weight	105kg
Package Size(W*D*H)	Main instrument: 1318*818*840mm; Accessory 1: 645*185*440mm; Accessory 2: 645*185*440mm
Gross Weight	Main instrument: 156kg; Accessory 1: 6.1kg; Accessory 2: 4kg
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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