

Automated Sample Processing System BK-PR96



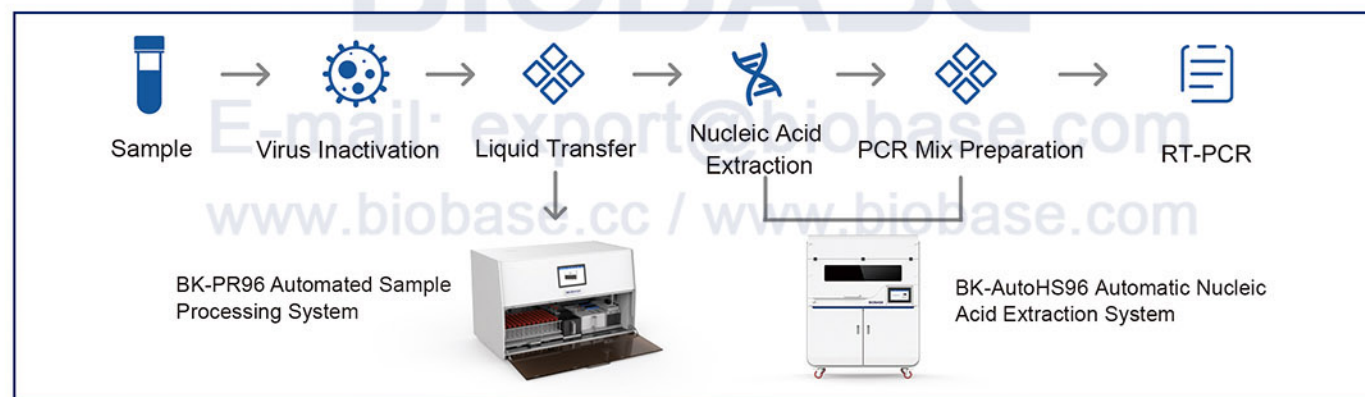
Introduction:

The BK-PR96 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.

Application:

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.

Work Process:



Features:

Safety: Equipped with double independent, specific anti aerosol cross contamination device, high efficiency ultraviolet disinfection module, external liquid trap tray

Efficient: 96 samples were processed within 25 minutes, with double manipulator, double sample addition and double screw cover channel

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.

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

Smart: One-key operation, smart dispensation

Parameters:

Model	BK-PR96
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	3 pcs (Compatible with multi-specification deep-well plates)
Tip Position	3 pcs (Including tip waste box position)
Reagent Rack	Yes, 4*4 reagent carrier, can hold bullet cryotube
Pollution Prevention & Control	External droplet capture tray design; Aanti-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, CV≤2%, Accuracy≤5.0%, 50µl Tip 1000µl, CV≤0.5%, Accuracy≤1.0%, 1000µl Tip
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