



## VORTEX MIXER BFA1BN1 (BSTH-101)

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## SMART MIXER

The smart mixer is a high efficiency, multi-functional, compact and widely used table mixer, which integrates the functions of blending and oscillation with the design concept of intelligent operation, and can be applied to a variety of blending and vortex operations.



The perfect mixing radius combined with excellent 2D mixing technology and adjustable mixing speed ensures fast and perfect mixing of multiple samples.

3-in-1 blocks:

Plates - Micro centrifuge tubes

96 well PCR plates (skirted, semi skirted, unskirted) - 0.2 ml PCR tubes and PCR strip

384 hole PCR plate - 0.5 ml Micro-test tube

96- and 384- deepwell plates - 1.5 ml Micro-test tube

MTP microplate, ELISA plate - 2.0 ml Micro-test tube

## SPECIFICATIONS

Model	BFA1BN1
Old Model	BSTH-101
Speed Range	300~3000rpm
Touch Vortex Speed	3500rpm
Shaking Orbit	3mm
Time Range	1s~99h59min
Working Noise	<50dB
Voltage	AC 100~230V, 50/60Hz
Power	45W
Fuse	250V, 1A, $\Phi 5 \times 20$
Dimension	W.196 x D.270 x H.170mm
Net Weight	7.7kgs
Alt Name	Smart Mixer

## ACCESSORIES FOR PURCHASE

No	Name	Description
1	Tube stand	96x0.2ml tube stand. Applied to 0.2ml PCR tubes, PCR strips and 96-well PCR plates (semi-skirted and unskirted)
2	Tube stand	4x0.5ml
3	Tube stand	24x1.5/2.0ml



1



2



3

## APPLICATIONS

Controllable and fast mixing makes good experimental conditions unity between the hole and hole / tube and tube. The reproducibility is improved.

Preparation of PCR reaction system

Precipitation suspension ( such as bacteria, DNA, cell culture precipitation)

Incubation ( ELISA enzyme immunoassay analyzer)

Protein staining quantitative ( such as Bradford, Lowry, BCA)

Report gene assays ( such as  $\beta$ -galactosidase, luciferase analysis)

Premixed reaction system

Mixing various kind of tubes



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