MIX–3000 Smart Mixer

Rotator, Mixer and Vortexer

◼ Introduction

The smart mixer is an 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.

◼ Feature

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	Vortexing various kinds of 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 miceroplate,ELISA plate	2.0 ml Micro–test tube	

◼ Accessories

MIX–A   MIX–B   MIX–C

Cat#	Description
MIX–A	96x0.2ml tube stand. Applied to 0.2ml PCR tubes, PCR strips and 96–wellPCR plates(semi–skirted and unskirted)
MIX–B	4x0.5ml Tube stand
MIX–C	24x1.5/2.0ml Tube stand

Note:384–well PCR plates,microplates, deep well plates can be directly put into the stand without stand support.

◼ Parameter

Model	MIX–3000
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, Φ5 x 20
Dimension	W.196 x D.270 x H.170mm
Net Weight	7.7kgs

◼ Application

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

1	Preparation of PCR reaction system
2	Precipitation suspension (such as bacteria, DNA, cell culture precipitation)
3	Incubation (ELISA enzyme immunoassay analyzer)
4	Protein staining quantitative (such as Bradford, Lowry, BCA)
5	Report gene assays (such asβ–galactosidase, luciferase analysis
6	Premixed reaction system
7	Mixing various kind of tubes