

# STALWART

## Smart Mixer SSM-20




## 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.

## Features

- 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 miceroplate,ELISA plate	2.0 ml Micro-test tube	

## Specification

Item	SSM-20
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 x 20
Dimension	W.196 x D.270 x H.170mm
Net Weight	7.7kgs

## Accessories



SSM-A



SSM-B



SSM-C

## Specification

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

## 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 as $\beta$ -galactosidase, luciferase analysis)
6	Premixed reaction system
7	Mixing various kind of tubes