

Thermo Shaker Incubator

- Compact and amazingly designed, benchtop Mix-Smart can be used for virtually any mixing applications.
- It accommodates micro test tubes, PCR plates, deepwell plates and MTPs.
- The Mix-Smart only takes up an area of 17×24 cm, less than the size of this A4 paper.
- But the Mix-Smart can be offered many options for holding a wide variety of tubes and plates.

Features:

MIXING IN A 3-IN-1 FORMAT

- Plates (up to 96-, 384-, and 1536-well formats)
 - PCR plates (skirted, semi-skirted, unskirted)
 - Deepwell plates etc..
 - MTPs
- Tubes
 - 0.2ml PCR tubes and PCR strips
 - 0.5ml Micro test tubes
 - 1.5ml/2.0ml Micro test tubes
 - 15ml Micro test tubes
 - 50ml Micro test tubes
 - Vortexing numerous tube formats



ST-MIX-100

Applications:

- Mixing PCR preparations
- Resuspending pellets (e.g., bacteria, DNA, cell culture pellets)
- Incubation (e.g., ELISA assays)
- Colorimetric assays (e.g., Bradford, Lowry, BCA)
- Reporter gene assays (e.g., galactosidase, luciferase)
- Mixing restriction digestion preparations
- Vortexing numerous tube formats (e.g., 15ml and 50ml conical tubes)

Specifications:

Specification of Thermo Shaker Incubator	
Model	ST-MIX-100 MIX SMART
2D Mix-Control	Optimized mixing / Anti-spill technology
Functions	Preprogrammed soft keys
	Reliable universal holder
	Automatic imbalance detection—a common feature in centrifuges
	Integrated vortex function
Touch vortexing speed	3,500rpm
Dimensions (W×D×H)	17W × 24D × 14H cm
Touch vortexing speed	3,500rpm
Mixing and vortexing radius	1.5mm (3mm mixing Orbit)
Adjustable mixing time	15s to 99h59min; continuous
Net Weight	4.5kg
Power supply	230V/120V, 50/60Hz, 45W

Tube Holder	
Code	Description
ST-AS-02030-00	AC220V / AC120V, 50-60Hz, 45W
ST-AS-02031-01	96 × 0.2ml PCR Tube Holder
ST-AS-02031-02	24 × 0.5ml Tube Holder
ST-AS-02031-03	24 × 1.5ml / 2.0ml Tube Holder
ST-AS-02031-04	8 × 15ml Tube Holder
ST-AS-02031-05	3 × 50ml Tube Holder