

Turbo Thermo Shaker Incubator

- Thermo Shaker for microplates, tubes and glass vials.
- Fast shaking and mixing up to 3,000rpm
- 3D-Shake-Control: Efficient and fast controlled orbital mixing movements, eliminating and need for centrifugation after mixing.
- Perfectly controlled 3-Dimensional mixing prevents spilling and lid wetting.
- Highly accurate processing and Anti-Vibration Technology eliminate vibrations for a relaxed working environment.
- 2 programmable soft keys, integrated vortex and short mix functions.
- Very small, light, efficient and quiet.
- Adapter Plates:
 - Microplates : -96, 384-, and 1536- well microplates/ deepwell plates/ PCR plates
 - Holder : -0.2ml PCR tubes holder, 0.5ml tubes holder, 1.5/ 2.0ml tubes holder.
-15ml Micro tubes holder, -50ml Micro tubes holder
 - Block : -10 types Aluminum blocks for user choosing.



Specification of Turbo Thermo Shaker Incubator

Model	ST-TMS-200	ST-TMS-300
Mixing Frequency	300 ~ 3000rpm	300 ~ 2000 rpm
Mixing Orbit	2mm	3mm
Speed Setting Resolution	10rpm increment	
Mixing Accuracy	± 25rpm	
Short-Mix Function	Yes	
Temperature Control Range	RT +5°C to 100°C	
Temperature Setting	0.1°C increment	
Temperature Display Accuracy	±0.1°C	
Temperature Accuracy	±0.25°C at 37°C ±0.5°C at 95°C	
Heat-Up Time	≤12 min	
Time Setting	1min ~ 100h	
Time Setting Resolution	1 min	
Continuous Working	Yes	
Programs Stored	2	
Individual Program Capacity	3 Steps	
Internal Memory	Yes	
Operation Voltage	24V DC 150W	
Power Supply	AC100 - 240V	
Dimensions (W x D x H) mm	230 x 170 x 130	
Weight	4.5Kg	



Block and Holder for ST-TMS-200/ ST-TMS-300

Code	Type	Description	Model	Type	Description
ST-AS-02051-01	A-200	96 x 0.2ml	ST-AS-02031-01	MIX-A	0.2ml PCR Tube Holder
ST-AS-02051-02	B-200	54 x 0.5ml	ST-AS-02031-02	MIX-B	0.5ml Tube Holder
ST-AS-02051-03	C-200	35 x 1.5ml	ST-AS-02031-03	MIX-C	1.5/ 2.0ml Tube Holder
ST-AS-02051-04	D-200	35 x 2.0ml	ST-AS-02031-04	MIX-D	8 x 15ml Tube Holder
ST-AS-02051-05	E-200	15 x 0.5ml + 20 x 1.5ml	ST-AS-02031-05	MIX-E	3 x 50ml Tube Holder
ST-AS-02051-06	F-200	24 x Dia. ≤ Ø 12mm Tubes			
ST-AS-02051-07	G-200	32 x 0.2ml + 25 x 1.5ml			
ST-AS-02051-08	H-200	32 x 0.2ml + 10 x 0.5ml + 15 x 1.5ml			
ST-AS-02051-09	I-200	103 x 67 x 30mm Bath Block	ST-AS-02050-00		ST-TMS-200 AC100-240V, 50-60Hz
ST-AS-02051-10	J-200	96 x 0.2ml Microplate	ST-AS-02060-00		ST-TMS-300 AC100-240V, 50-60Hz