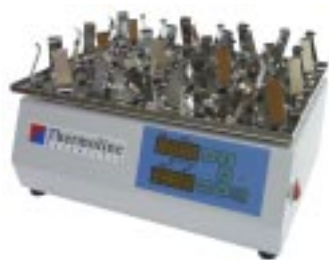
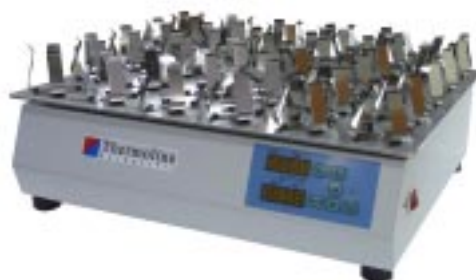


**NEW:** All models now supplied with digital controller with adjustable speed and timer.



TS 400  
Shown with flask tray



TS 600  
Shown with flask tray



Optional universal tray

These medium size orbital shakers are well engineered and provide smooth operation when under maximum load and speed. The top tray of each model has threaded holes to accommodate flask holders from 50ml to 1000ml.

All digital models feature a large easy to read LED display and have simple adjustable timing sequences to allow orbital motion in clockwise direction for a set period of time, then slow and reverse to anticlockwise direction for a set period of time. A specific run time can be entered up to 999 seconds or for continuous running.

An optional universal tray is available for all the three models. This tray has 5cm high sides and is supplied complete with springs which allows for items to be securely held when a flask clip is not ideal (see photo).

ORDER CODE	TS 400	TS 480	TS 600
Shaking Plate	Flat with anti slipmat retaining springs	Flat with multiple tapped holes for flask holders	Flat with multiple tapped holes for flask holders
Shaking System	Orbital		
Rate of shaking	20-400 RPM		
Shaking width	25mm		
Plate dimensions (WxD mm)	400x300	480x380	600x480
External dimensions (WxDxH mm)	400x300x165	480x380x165	600x510x210
Power	240V 50Hz 1A		
Weight (kg)	11	18	25

## RACK ACCESSORIES - STAINLESS STEEL HOLDERS

### Accessories - Universal Trays

Univ-400 Suits TS-400  
Univ-480 Suits TS-480  
Univ-600 Suits TS-600

ORDER CODE	TFH-50	TFH-125	TFH-250	TFH-500	TFH-1L	TFH-2L
FLASK CAPACITY	50ml	125ml	250ml	500ml	1000ml	2000ml
TS 400	35	20	12	6	4	-
TS 480	48	30	20	12	6	-
TS 600	80	48	30	20	12	-



SHO-1D  
(Shown with optional flask tray)

This digital orbital shaker is ideal for general applications where smooth mixing or intensive mixing is required. One platform size available, 230x230mm, with adjustable speed control by turn dial. This model has a LCD display which indicates timer duration, current RPM and a power bar graph. Audible alarms to notify the user in the event of an error or timer end. Shaker supplied with rubber mat or drilled platform. Flask trays are optional extra (see next page)

Product features include:

Convenient setting of timer and speed using jog shuttle switch.

Storage function for RPM and Timer (99hr 59 min).

Locking mode.

Smooth start and change of speed.

Over load protection.

Adjustable shaking width.

Model	SHO-1D
Motor	Plate Type BLDC Motor
Base Platform Size	230x230
Max Load (kg)	8
Amplitude of Rotation (mm)	10, 15, 20 available
Speed Range (rpm)	30 ~ 300
Speed Control	Programmable operation fully digital feedback control using microprocessor
Display	Digital LCD Display of RPM timer and Power Bar Graph
Overload Protection	Automatic stop and smooth speed change
Dims (wxdxh mm)	250x330x150
Weight (kg)	14
Voltage	220V 50Hz

## Shakers, Large Capacity (Heavy Duty)



TS 610

Two large capacity Orbital Shakers available. Both are well engineered and have heavy duty orbital mechanisms that provide smooth operation when under maximum loading and speed.

The top plate is 6mm aluminium and has tapped holes to accommodate flask holders from 50ml up to the heavy flasks sizes: 1 Litre to 6 Litre. Both models can carry a maximum load of 40kg.

Both models feature an easy to use digital control with speed and timer display and are attractively finished in a durable grey powder coating.

**NEW:** Now supplied with digital controller with adjustable speed and timer.

ORDER CODE	TS 610	TS 620
Shaking Plate	Plate with multiple drilled holes	
Shaking System	Orbital	
Rate of shaking	20-300 RPM	
Shaking Width	25-50mm	
Shaking Plate (WxD)	600x480	960x600
External dims. (WxDxH mm)	600x510x210	960x600x210
Power	240V 50Hz 2A	
Weight (kg)	52	75

ORDER CODE	TFH-50	TFH-125	TFH-250	TFH-500	TFH-1L	TFH-2L	TFH-3L	TFH-4L	TFH-5L	TFH-6L
FLASK HOLDERS	50 ml	125 ml	250 ml	500 ml	1 litre	2 litre	3 litre	4 litre	5 litre	6 litre
TS-610	80	48	30	20	12	6	6	4	2	2
TS-620	160	96	60	40	24	15	8	8	6	6