



TU-454

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

The TU-400 and TU-454 are small non-refrigerated bench top orbital shaking incubators which can provide a constant inside temperature of 5°C above ambient to 70°C. The inside plate can hold flasks from 50ml to 2 litres and can shake within the speed range of 30-400 rpm. Both models have a hydraulic front lift up lid which allows for the easy retrieval of the flasks inside. A view window on the lids also allows for users to view inside the chamber without having to open the lid. An auto operation cut-out of the shaker ensures user safety when the lid is opened. Two platform sizes available - 300 x 400mm or 450 x 450mm

The temperature can be easily adjusted by pressing the up and down arrows on the digital PID controller located on the front of the cabinet. The shaking rate is also easily adjusted by a simple digital touch controller. RPM value is indicated on the LED display.

These shakers are very well engineered and feature a heavy duty shaking mechanism which ensure smooth shaking even while under maximum load.

ORDER CODE	TU-400	TU-454
SHAKING SYSTEM	Orbital	
TEMP RANGE	Room Temp. +5°C to 70°C	
TEMP STABILITY AND UNIFORMITY	±1°C at 37°C	
SHAKING PLATE (WxDmm)	400x300	450x450
SHAKING RATE	30 to 300 RPM	30 to 400RPM
MAX. LOAD	20kg	
SHAKING WIDTH	25mm	
TEMP CONTROL	Digital solid state PID	
DIMS INT (HxWxD mm)	260x450x380	430x510x540
DIMS EXT (HxWxD mm)	430x460x490	500x520x650
WEIGHT	35kg	40kg
ELECTRICAL	240V 3.5A	240V 8.5A

MODEL / FLASK HOLDERS	TFH-50	TFH-125	TFH-250	TFH-500	TFH-1L	TFH-2L
CAPACITY	50 ml	125 ml	250 ml	500 ml	1 litre	2 litre
TU-400	35	20	12	6	4	-
TU-453/454	64	36	25	16	9	5