

ECONOMY SHAKING INCUBATORS

(AMBIENT +5°C TO +70°C)

Image: TU-454 with flask clips



Economy Shaking Incubators

- Two sizes available, both with adjustable shaking speed and timers
- Adjustable temperature range from ambient to 70°C
- Digital LED display
- Option of drilled flask tray or universal spring tray
- Suitable to hold 50ml to 2000ml flask clips
- View window allows users to look inside the cabinet without opening the door
- Built with heavy duty shaking mechanisms

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PRODUCT DETAILS

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 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

Temperature is controlled by digital PID controller. Platform speed is controlled by an easy to use programmer which provides smooth ramp up to speed, with run period timer or continuous run function. 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.

Safety Features
Over temperature safety cut out
Over current protection
Operation cut off when the lid is opened

SPECIFICATIONS

Model	TU-400	TU-454
Internal Dimensions (HxWxD mm)	260x450x380	430x510x540
External Dimensions (HxWxD mm)	430x460x490	500x520x650
Temperature Range	Ambient +5°C to 70°C	
Shaking System	Orbital	
Temperature Stability	±1°C at 37°C	
Shaking Plate Size (WxD mm)	400x300	450x450
Shaking Rate (RPM)	30 to 300	
Maximum Load (kg)	20	
Shaking Width (mm)	25	
Temperature Control	Digital PID controller	
Electrical (Amps)	3.5	8.5

Flask Clip Code	TFH-50	TFH-125	TFH-250	TFH-500	TFH-1000	TFH-2000
Capacity	50ml	125ml	250ml	500ml	1000ml	2000ml
Number of clips for TU-400	35	20	12	6	4	-
Number of clips for TU-454	64	36	25	16	9	5

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

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