

BENCHTOP SHAKER

DSY-304



DSF-334



DSQ-344



Product Overview

Benchtop Orbital Shaker (DSY-304)

The DSY-304 provides a smooth uniform circular motion with an orbit of 30mm. The shaker can be used in incubators and warm room if the temperature is not higher than 50°C.

The standard cradle platform can turn DSY-304 unit into a very effective mini platform shaker, which allows for different combinations of vessels offering maximum versatility. Alternatively, the tray is interchangeable with flask clamp tray (DSF-334) or non-slip mat tray (DSQ-344).

Speed is variable from 30 to 300rpm, with shaking times can be set to run from 0-500hours, or set for continuous operation. The non-volatile memory restores all settings after power failure.

Benchtop Reciprocal Shaker (DSF-334)

The DSF-334 lab scale platform shaker has a powerful yet quiet shaking mechanism that has been designed for problem free continuous use. This unit provides a versatile linear shaking action with unique 4 level stroke adjustment from 20, 24, 30 to 40mm, ideal for most extracting applications.

Speed is fully variable from 30-300rpm, and is set digitally for consistency. The speed is microprocessor controlled and accurately maintained even over long runs. The built-in timer can be set from 0-500hours. After the timer has counted down, the shaker stops and sounds an alert. The flask clamp tray is fitted as standard, while can be interchanged with non-slip mat tray or cradle platform.

Benchtop See Saw Rocker)

DSQ-344 has a see-saw rocking action that creates a wave motion within vessels such as culture flask, petri dishes etc. one unique feature of this unit is DSQ-344 provides 4 level of tilt angles from 5°, 8°, 10° and 12°, ideal for washing.

The speed is microprocessor controlled, variable from 20-80rpm. The model is supplied with a non-slip mat. The large LCD screen with user-friendly digital keypad ensures clear readout and easy operation. Like all other benchtop shakers, all settings of speed and time are encrypted to prevent unauthorized changes.

Model	DSY-304	DSF- 334	DSQ- 344
Action Mode	Orbital	Reciprocal	Rocker
Speed Range (/min)	30-300 rounds	30-300 strokes	20-80 tilts
Speed Variation (/min)	±1 round	±1 stroke	±1 tilt
Stroke	Ø30 mm	20, 24, 30, 40 mm	5°, 8°, 10°, 12°
Tray Dimensions (mm)	330x350	330x350	330x350
Accessory Included	Rubber Bar Tray OR Clamp Tray		Tray with non-slip mat
Timer	1 minute to 500 hours	1 minute to 500 hours	1 minute to 500 hours
Maximum Load (kg)	3.5	3.5	4
Overall Dimensions (mm) (WxDxH)	400x350x235	400x350x160	400x360x185
Packing Dimensions (mm) (WxDxH)	490x490x420	490x490x400	490x490x365
Net / Gross Weight (kg)	25/37	14/26	10/20
Safety Features	Non-volatile Memory, Power-off Recovery, Timer,		
Power (W)	50		
Electricity	220-240V 50/60 Hz		
Approval	CE, ISO		

Clamp Tray	50ml	100ml	250ml	500ml	750ml	1000ml	2000ml	2000ml	5000ml	P8010	P8012
P6016	24	17	9	7	-	-	-	-	-	3	6