



Applications

Used to mix, blend, or to agitate substances in flasks by shaking them, which is mainly used in the fields of chemistry and biology. An orbital shaker has a circular shaking motion and it is suitable for culturing microbes, washing blots, and general mixing.

Features

- Provide smooth, stable, low noise with 25/38/70 mm circular motion
- Triple eccentric drive with excellent dynamic balance for heavy duty operation and continuous operation
- Digital microprocessor controller for high accuracy speed control
- Digital microprocessor controller with slow start function during initial start-up to avoid spillage
- Compact, high-power, and high-efficiency brushless motor

Specification

Model	QROS-09	QROS-35	QROS-54
Speed control range	10 – 250 rpm	10 – 400 rpm	
Controller	Digital microprocessor controller		
Orbital motion	25 mm orbital motion		25/38/70 mm stroke
Drive	Counter balancing system		
Platform dimension (mm)	360W x 300D	605W x 740D	1050W x 605D
Platform material	Aluminium alloy		
Overall dimension (mm)	360W x 335D x 230H	605W x 740D x 310H	965W x 550D x 355H
Power supply	240VAC, 50 Hz, 0.1A		240VAC, 50 Hz, 0.3A
Weight	12.5 kg	57 kg	78 kg
Flask clamp size option	Flask clamp quantity (pcs)		
50 ml	25	90	126
125 ml	16	72	112
250 ml	9	35	54
500 ml	6	25	40
1000 ml	4	16	21
2000 ml	1	6	10
3000 ml	1	4	6
5000 ml	1	3	3

Optional

- Two-tier model: QROS-35-2T, QROS-54-2T
- Stainless steel universal spring rack