

Applications

Applicable for the growing of cell culture for Plant and animal cells



Model: QROS-09



Model: QROS-35



Model: QROS-54-2T

FEATURES

- Orbital shakers give a very smooth, stable, low noise shaking with 25/38/70 mm circular orbit.
- Triple eccentric drive with excellent dynamic balance for heavy duty operation and continuous operation.
- Electronic speed control from 10 – 400 rpm.
- Digital microprocessor controller with slow start, avoid culture spillage when shaker start up.
- Carbon brush give less induction motor, maintenance free performance.

SPECIFICATIONS

Model	QROS-09	QROS-30	QROS-35	QROS-54
Shaking speed	10 – 250 rpm	10 – 400 rpm		
Controller	Digital PID Controller			
Orbital Motion	25 mm orbital motion			25/38/70 mm stroke
Drive	Special counterbalancing system			
Platform dimensions (mm)	360W x 300D	485W x 605D	605W x 740D	1050W x 605D
Platform material	Aluminium alloy			
Overall dimensions (mm)	360W x335D x 230H	485W x 605D x 280H	605W x 740D x 310H	965W x 550D x 355H
Power supply	240VAC 50Hz, 0.1A	240VAC 50 Hz, 0.3A		
Weight	12.5 kg	33.5 kg	57 kg	78 kg

		Flask Capacities						
Model	50 ml	125 ml	250 ml	500 ml	1000 ml	2000 ml	3000 ml	5000 ml
QROS-09	25 pcs	16 pcs	9 pcs	6 pcs	4 pcs	1 pc	1 pc	1 pc
QROS-30	80 pcs	48 pcs	30 pcs	20 pcs	12 pcs	6 pcs	4 pcs	3 pcs
QROS-35	90 pcs	72 pcs	35 pcs	25 pcs	16 pcs	6 pcs	4 pcs	3 pcs
QROS-54	126 pcs	112 pcs	54 pcs	40 pcs	21 pcs	10 pcs	6 pcs	3 pcs

Optional: Two-tier model: QROS-35-2T, QROS-54-2T

- Stainless steel universal spring rack
- Multi-layer rack to hold three QROS-54 Shakers