

Orbital 460

Bench Top Centrifuge

Clements Orbital 460 offers precise and versatile bench top centrifugation. Featuring clear and intuitive navigation, an easy to read LCD screen, a soft touch keypad and the option of up to 25 user defined programs, the Orbital 460 ensures consistency and simplicity of operation.

With a maximum RCF of 5,310 g and choice of angle and swing rotors, the Orbital 460 is ideal for high volume centrifugation, capable of spinning samples ranging from Microtitre plates up to 4 x 500 ml.

- AC induction motor with inverter drive
- Back lit LCD display
- Soft touch control panel
- 25 user defined programs
- Electronic lid interlock with alarm
- Stainless steel bowl
- Wide selection of rotors, carriers and adaptors
- Choice of 9 acceleration and deceleration profiles
- Simultaneous rpm or RCF display



CLEMENTS

Orbital 460

TECHNICAL SPECIFICATION

Maximum Speed *	5500 rpm	End of Cycle	Audible alert
Maximum RCF *	5310 g	Dimensions	380 mm H 560 mm D 470 mm W
Timer	0 - 99 min, 59 Sec	Weight	42 kg
Power Rating	220-240 V / 50/60 Hz	Maximum Capacity *	2000 ml

ROTORS / ACCESSORIES

Centrifuge	Rotor	Buckets	Multi-adaptor	Maximum speed [rpm]	Maximum RCF [g]	Tube dimensions [mm]	
Orbital 460 (excludes rotor) CEN 92300	Angle Rotor for 460 (12 x 10 ml) CEN 92300 001			5,500	5,310	Ø 16 x 83	
	Swing Rotor No 3 for 460 suit multi-adaptor open buckets (excludes buckets) CEN 92300 004	Multi-adaptor open buckets for 460 (Set of 4) CEN 92300 005	Multi-adaptor (4 x 24 x 1.5 mL) CEN 92300 007	4000	3040	Ø 11 x 43	
			Multi-adaptor (4 x 28 x 5 mL) CEN 92300 006			Ø 14 x 80-100	
			Multi-adaptor (4 x 20 x 10 mL) CEN 92300 008			Ø 14 x 100	
			Multi-adaptor (4 x 10 x 15 mL) Round bottom CEN 92300 009			Ø 17 x 105	
			Multi-adaptor (4 x 10 x 15 mL) Falcon® style CEN 92300 010			Ø 17 x 121	
			Multi-adaptor (4 x 4 x 50 mL) Round bottom CEN 92300 011			Ø 35 x 100-130	
			Multi-adaptor (4 x 4 x 50 mL) Falcon® style CEN 92300 012			Ø 30 x 116	
		Microtitre buckets for 460 (4 x 2 x 96) CEN 92300 032		4000	2200		
	Swing Rotor No 4 for 460 (excludes buckets) CEN 92300 013	Bucket (4 x 2 x 50 mL) CEN 92300 016	Bucket (4 x 2 x 100 mL) CEN 92300 017	Bucket (4 x 8 x 15 mL / 10 mL / 7 mL) Adaptors included CEN 92300 018	4200	3100	Ø 30 x 116
							Ø 37 x 124
							Ø 17 x 105
							Ø 13 x 70
							Ø 13-14 x 70-100
		Bucket (4 x 18 x 7 mL) CEN 92300 019					
	Bucket (4 x 12 x 5 mL / 10 mL) CEN 92300 020						

* Subject to rotor selection

All specifications are subject to change without notice. Please check the exact specification when ordering.

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Rev 3

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