

Thermo Scientific Heraeus Megafuge Centrifuge Series



Specifications	Heraeus Megafuge 16/16R	Heraeus Megafuge 40/40R	
Swinging Bucket Rotors			
Max Capacity	4 x 400 ml (with TX-400 rotor)	4 x 750 ml (with TX-750 and BIOLiner rotors)	
Max Speed	5500 rpm (with TX-200 rotor)	5300 rpm (with BIOShield 1000A rotor)	
Max RCF	5580 x g (with TX-200 rotor)	5590 x g (with BIOShield 1000A rotor)	
Fixed Angle Rotors			
Max Capacity	6 x 100 ml (with F15-6x100 rotor)	6 x 100 ml (with F15-6x100 rotor)	
Max Speed	15200 rpm (with 30x2 ml rotor)	15200 rpm (with 48x2 ml rotor)	
Max RCF	25830 x g (with 30x2 ml rotor)	25314 x g (with 48x2 ml rotor)	
Control System	Microprocessor		
Drive System	Direct, brushless induction low profile motor		
Rotor Locking System	Auto-Lock III		
Imbalance Detection System	SMARTSpin		
Programs	6, direct access		
Temperature Set Range*	-10 °C to +40 °C		
Pre-Cooling Function*	Yes, with direct button		
Refrigeration System*	CFC free		
Pulse (Short) Run	Yes		
Acceleration Rates	9		
Deceleration Rates	10		
Max Timer Range	9h, 99min + continuous		
Sound Level (dBA), with swinging bucket rotor at top speed	< 61 / < 55* dB (TX-400)	< 61 / < 57* (TX-750)	
Other Features	Certified ClickSeal biocontainment system, language selection, motorized lid latch		
Max Power Consumption (W)	120V	850/1200*	1400
	230V	1010/1400*	1700/1950*
Max Heat Output (BTU/h)	120V	2900/4096*	4776
	230V	3447/4776*	5800/6653*
Dimensions			
Height (lid open)	87 cm/ 34.3 in	90 cm/ 35.4 in	
Height (lid closed)	36 cm/ 14.2 in	36 cm/ 14.2 in	
Width	44 cm/ 17.3 in	62.3 cm/ 24.5 in	
	62.3 cm* / 24.5 in*	74.5 cm* / 29.3 in*	
Depth	60.5 cm/ 23.8 in	67 cm/ 26.4 in	
Weight	57.5 kg/ 126.8 lb	86 kg/ 189.6 lb	
	91.5 kg* / 201.7 lb*	116 kg* / 255.7 lb*	
Technical Standards	IEC 61010-1, IEC 61010-202, IEC 61010-2-101 230 V only: EN 292, EN 61326, EN 55011B		
Certifications	UL listed / CSA certified / CE marked / IVD compliant / Certified Biosafety		
Ordering Information			
Heraeus Megafuge, ventilated, 230 V, 50/60 Hz	75004230	75004503	
Heraeus Megafuge, ventilated, 120 V, 60 Hz	75004231	75004504	
Heraeus Megafuge, refrigerated, 230 V, 50/60 Hz	75004270	75004518	
Heraeus Megafuge, refrigerated, 120 V, 60 Hz	75004271	75004519	

*Refrigerated models



The quality of the procedures used to design, manufacture, sell and service the Heraeus Megafuge 16 and Megafuge 40 centrifuge series is certified and maintained in accordance to the **ISO 13485** international standard. Our effort to continuously improve our formalized business processes is certified and regularly audited in conformance with **ISO 9000** family of Quality Standards.

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