

MICROCENTRIFUGATION



Microfuge 20 Series Microcentrifuge



The Microfuge 20 Series Microcentrifuges offers high *g*-force (20 627 x *g*) for optimal pelleting. Its maintenance-free motor spins up to 15 000 rpm. The Microfuge 20R maintains 4°C at maximum speed to protect precious samples perfect for DNA, RNA, proteins and virus cell isolation. Available with 4 interchangeable rotors.



Microfuge 20R Microcentrifuge

Specifications	Microfuge 20R	Microfuge 20
Maximum Speed	15,000 rpm	
Maximum <i>g</i> -force	20,627 x <i>g</i>	
Drive Type	Brushless induction	
Time Setting	Timed up 99 min 59 s, continuous run	
User Programs	10	
Accel/Decel Rates	Fast, Soft	
Temperature Setting	-10°C to 40°C	N/A
Ambient Temp Range	5°C to 35°C	5°C to 40°C
Power Consumption	420W	170W
Dimensions	29.1 cm (11.5 in) H x 66 cm (26 in) D x 31 cm (12.2 in) W	27 cm (10.7 in) H x 42 cm (16.5 in) D x 31 cm (12.2 in) W
Weight	32 kg (70.5 lb)	13 kg (28.6 lb)

Microfuge 20R	Configuration	Part Number
IVD	220-240V, 50/60Hz	B31611
	220-240V, 50Hz China	B31614
	120V, 60Hz	B31612
	100V, 50/60Hz	B31613
Non-IVD	220-240V, 50/60Hz	B31607
	220-240V, 50Hz, China	B31610
	120V, 60Hz	B31608
	100V, 50/60Hz	B31609

Centrifuge and Rotor Sales Groups available on page 2-3.

Microfuge 20	Configuration	Part Number
IVD	220-240V, 50/60Hz	B31603
	220-240V, 50 Hz, China	B31606
	120V, 60Hz	B31604
	100V, 50/60Hz	B31605
Non-IVD	220-240V, 50/60Hz	B31599
	220-240V, 50Hz, China	B31602
	120V, 60Hz	B31600
	100V, 50/60Hz	B31601

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Centrifuge and Rotor Sales Groups

2. Microcentrifugation

Microfuge 20	Microfuge 20							
	IVD				non-IVD			
	100V 50/60Hz	120V	220-240V 50/60Hz	220-240V 50Hz China	100V 50/60Hz	120V	220-240V 50/60Hz	220-240V 50Hz China
Centrifuge ONLY PN	B31605	B31604	B31603	B31606	B31601	B31600	B31599	B31602
FA241.5 Rotor Package centrifuge + FA241.5 FA rotor	-	B30138	B30578	-	-	-	B30577	-
FA241.5P Rotor Package centrifuge + FA241.5P FA rotor	B30135	B30137	B30141	B30143	B30134	B30136	B30140	B30142
FA361.5 Rotor Package centrifuge + FA261.5 FA rotor	-	B30139	B30580	-	-	-	B30579	-

Microfuge 20R	Microfuge 20R							
	IVD				non-IVD			
	100V 50/60Hz	120V	208-230V 60Hz	200-230V 50Hz	100V 50/60Hz	120V	208-230V 60Hz	200-230V 50Hz
Centrifuge ONLY PN	B31613	B31612	B31611	B31614	B31609	B31608	B31607	B31610
FA241.5 Rotor Package centrifuge + FA241.5 FA rotor	-	B30148	B5082	-	-	-	B30581	-
FA241.5P Rotor Package centrifuge + FA241.5P FA rotor	B30145	B30147	B30152	B30154	B30144	B30146	B30150	B30153
FA361.5 Rotor Package centrifuge + FA261.5 FA rotor	-	B30149	B30584	-	-	-	B30583	-

Microfuge Centrifuges Rotor Summary

Rotor Type	Part Number	Maximum Speed (rpm)	Maximum Force (g) at r _{max}	Number Tubes/Bottles and Size (diameter x length) mm	Rotor Capacity (mL)	Rotor Angle	BioSafe	Microfuge 16	Microfuge 20 Series
Fixed-Angle Rotors									
FA241.5	B30155	15,000	20,627	24 x 2.0 11 x 39	48.0	44°	No		•
FA241.5P	B30156	15,000	20,627	24 x 2.0 11 x 39	48.0	43°	No		•
FA361.5	B30157	15,000	20,124	36 x 2.0 11 x 39	72.0	50°/30°	Yes BIOC		•
FA4x8.2P	B30159	15,000	16,602	32 x 0.2 4 x 8	6.4	44°	No		•
FX121.5P	A46476	14,800	15,183	12 x 1.5/2.2 11 x 40	26.4	45°	No	•	
FX241.5P	A46475	14,800	16,163	24 x 1.5/2.2 11 x 40	52.8	32°/37°	No	•	

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