

Centrifuge Application Guider



Catalog NO.

Suits Cat: 171155/173355

Suits Cat: 201155/203355

Suits Cat: 501177/503377

Model	JIDI-12A	JIDI-4A	JIDI-4B	JIDI-17B/JIDI-17RS	JIDI-18B/JIDI-18RS	JIDI-20B/JIDI-20RS	JIDI-21B/JIDI-21RS	JIDI-5B/JIDI-5RS	JIDI-6B/JIDI-6RH	JIDI-72RH	JIDI-75RH	JIDI-21KR	JIDI-25KR
	Mini-Centrifuge		Blood Tube Clinic desk low-speed centrifuge	Molecular biology Micro-Centrifuge	Desk high-speed centrifuge	Protein Purification Desk high-speed centrifuge	Desk high-speed centrifuge	Cell culture and Clinic desk low-speed centrifuge	High capacity Low-speed centrifuge	Floor High capacity low-speed centrifuge with refrigerator	Floor High capacity low-speed centrifuge with refrigerator	Floor High speed and capacity centrifuge with refrigerator	Floor High speed and capacity centrifuge with refrigerator
Max Capacity	12x 1.5ml/2.0ml	4X50ml	12X20ml	12x5ml	6x100ml	6x100ml	6x100ml	4x250ml	4x750ml	6x2000ml	8x2000ml	4x750ml	4x1000ml
Max RCF xg	7500xg	2600xg	2600 x g	20899xg	30319xg	38906xg	42968xg	5310xg	5424xg	12166xg	12166xg	47580xg	68500xg
Max Speed rpm/min	12000rpm	5000rpm	4000rpm	17800rpm	21000rpm	22000rpm	25000rpm	5500rpm	6200rpm	8000rpm	8000rpm	21000rpm	25000rpm
Rotors	2	3	6	3	9	9	19	5	7	4	4	9	9
Temperature Control	-	-	-	-/-20°C~+40°C	-20°C~+40°C	-/-25°C~+45°C	-/-25°C~+45°C	-/-20°C~+40°C	-	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C	-20°C~+40°C
Dimensions (DxWxH)	250x200x130mm	300x240x180mm	490x340x275mm	400x270x250mm 645x300x275mm	520x360x320mm 536x650x330mm	520x360x320mm 536x650x330mm	520x360x320mm 536x650x330mm	610x440x335mm 630x670x360mm	680x520x400mm 780x605x805mm	975x860x1180mm	975x860x1180mm	825x625x910mm	840x710x1250mm
Weight (no rotor)	1.6kg	5.0Kg	20Kg	17Kg/41kg	37kg/66kg	37Kg/66kg	37Kg/66kg	45Kg/82kg	76Kg/150kg	500kg	500kg	280kg	280kg
Max Power	85V-265V 50-60 Hz	110V-265V 50-60 Hz	AC 220V 50Hz 10A	AC 220V 50Hz 10A AC 220V 50Hz 15A	AC 220V 50Hz 15A AC 220V 50Hz 15A	AC 220V 50Hz 15A AC 220V 50Hz 15A	AC 220V 50Hz 15A AC 220V 50Hz 15A	AC 220V 50Hz 12A AC 220V 50Hz 15A	AC 220V 50Hz 15A	AC 220V±22V 50Hz 50A	AC 220V±22V 50Hz 50A	AC 220V±22V 50Hz 35A	AC 220V±22V 50Hz 35A
Tube/Bottle (Capacity)													
0.5ml PCR Tube	12	-	-	-	48	48	48	-	-	-	-	-	-
8-place PCR Tube	4	-	-	-	-	-	-	-	-	-	-	-	-
1.5/2.0ml Round/Conical Tube	12	6	24	24	48	48	48	60	120	-	-	-	24
3-7ml BD Blood Tube	-	6	24	0	12	12	12	56	112(blood collection tubes)	-	-	-	-
8-10ml BD Blood Tube	-	6	24	-	12	12	12	28	56(blood collection tubes)	-	-	0	0
5ml Eppendorf Tube	-	-	-	12	16	16	16	-	-	-	-	-	-
10ml Nalgene High-speed Tube	-	-	-	-	12	12	12	-	-	-	-	16	18
15ml Round/Conical Tube	-	6	12	-	12	12	12	28	56	-	-	-	-
50ml Round/Conical Tube	-	4	6	-	8	8	8	12	28	-	-	8	8
85ml Nalgene Tube	-	-	-	-	6	6	6	8	12	-	-	8	8
250ml Round/Conical Bottle	-	-	-	-	-	-	-	4(Universal Adapters)	4(Universal Adapters)	-	-	6	6
500ml Bottle	-	-	-	-	-	-	-	-	4(Universal Adapters)	6	8	6	6
750ml Bottle	-	-	-	-	-	-	-	-	4(Universal Adapters)	-	-	4	-
1000ml Bottle	-	-	-	-	-	-	-	-	-	6/12	8/16	-	4
2000ml Bottle	-	-	-	-	-	-	-	-	-	6	8	-	-
PCR Plate/MTP	-	-	-	-	-	-	-	2*2	4*2	-	-	-	-
Deep-well Plate(DWP)	-	-	-	-	-	-	-	2	4	-	-	-	-

Centrifuge Models



Catalog. NO.	Name and Models
121177	Mini-Centrifuge JIDI-12A (Contain 12X1.5ML Rotor)
401177	Desktop Centrifuge JIDI-4A (Contain 6X15ML Rotr)
401155	Low-speed Clinic Centrifuge JIDI-4B (Contain 24X10ML Blood Tube Rotor)
171155	High-Speed MicroCentrifuge JIDI-17B (Contain 24X1.5/2.0ML Rotor)
173355	High-Speed MicroCentrifuge with refrigerator JIDI-17RS (Contain 24X1.5/2.0ML Rotor)
501177	Desktop Low-speed MultiCentrifuge JIDI-5B (Contain 15/50ML Adapters,Bucket and Swing-out Rotor)
503377	Desktop Low-speed MultiCentrifuge with refrigerator JIDI-5RS (Contain 15/50ML Adapters,Bucket and Swing-out Rotor)
171100	High-Speed MicroCentrifuge JIDI-17B
173300	High-Speed MicroCentrifuge with refrigerator JIDI-17RS
201100	High-Speed Lab-Centrifuge JIDI-20B
203300	High-Speed Lab-Centrifuge with refrigerator JIDI-20RS
501100	Desktop Low-speed MultiCentrifuge JIDI-5B
503300	Desktop Low-speed MultiCentrifuge with refrigerator JIDI-5RS
601100	Desktop Low-speed MultiCentrifuge JIDI-6B
603366	Floor Low-speed MultiCentrifuge with refrigerator JIDI-6RH
703366	High capacity low-speed Floor-centrifuge with refrigerator JIDI-72RH
703367	High capacity low-speed Floor-centrifuge with refrigerator JIDI-75RH
213366	High speed and capacity Floor-centrifuge with refrigerator JIDI-21KR
213367	High speed and capacity Floor-centrifuge with refrigerator JIDI-25KR

Part of Publications

2017	Journal of the science of food and agriculture (PMID: 28244112)	In vitro fermentation of oat β -glucan and hydrolysates by fecal microbiota and selected probiotic strains
2020	Food Res Int. (PMID: 32247462)	The mechanistic effect of bromelain and papain on tenderization in jumbo squid (<i>Dosidicus gigas</i>) muscle
2021	Biomed Res Int. (PMID: 34859099)	Investigation on Risk Stratification and the Prognostic Value of hs-TnT Combined with MMP-2 in Patients with Acute Coronary Syndrome
2022	Comput Math Methods Med. (PMID: 36276993)	Downregulation of miR-146a-5p promotes acute pancreatitis through activating the TLR9/NLRP3 signaling pathway by targeting TRAF6 in vitro rat model
2023	Meat science (PMID: 37356417)	Chitosan coating with grape peel extract: A promising coating to enhance the freeze-thaw stability of beef
2023	World journal of diabetes (PMID: 37664468)	Potential role of microRNA-503 in Icaritin-mediated prevention of high glucose-induced endoplasmic reticulum stress
2023	Altern Ther Health Med. (PMID: 37442187)	Azurin Regulates P21 and Enhances the Sensitivity of Osteosarcoma Cells to Cisplatin
2024	Foods(Basel,Switzerland) (PMID: 38397600)	Modulation the Synergistic Effect of Chitosan-Sodium Alginate Nanoparticles with Ca ²⁺ : Enhancing the Stability of Pickering Emulsion on D-Limonene
2024	The science of total environment (PMID: 38761937)	High sensitivity in quantitative analysis of mixed-size polystyrene micro/nanoplastics in one step



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