



S750T-6B



TM96-6S



A1000S-6

Mini Plant in Lab

Capacity up to 6L at once Maximize your output

Rotor Switching System

Both using Angle & Swing rotor for various sampling

Worried about heavy rotor mounting?

Ergonomically arranged and designed machine to maximize user's convenience with easy mounting.

Optimized chamber for various rotors

Optimized chamber and special rubber hub attached rotor absorbs vibration to keep perfect repeatability.

LGCEN-512R Plus, Super Size Multipurpose Centrifuge



Sampling capacity maximum at 6L Pilot / Swing out rotor.



Features:



- Co-using Angle & Swing rotor
- Using bucket style 750ml high-capacity swing rotor
- Large capacity: 6 x 1,000ml rotor
- Ergonomically designed control display
- Hi-efficient AC Induction Motor 1.7kw
- Spin down (Pulse) function
- User password for preventing access from random people
- 10 steps for speedy and gradual acceleration and deceleration
- A special suspension system enables the stable centrifugation.
- The centrifuge stands on movable castors and adjustable feet to even out the floor.



Model	LGCEN-512R Plus	
RPM / RCF (Swing rotor)	4,000rpm / 5,096xg	S750T-6B
RPM / RCF (Angle rotor)	12,000rpm / 22,265xg	A250ml x 6
Max. capacity	1,000ml x 6 (Fixed angle rotor) 750ml x 6 (Swing rotor)	
Time	99hrs 59min 59sec	
Display	RPM, RCF, Time, Acc, Dec, Temp Limits, Temp., Rotor NO., Program, Rotor Radius	
Temperature	-10°C~+40°C	
Motor	AC Induction Motor	
Accel/Decel	0~9 (10 step)	
Rotor	Swing rotor 750ml x 6 Fixed Angle 1000ml x 6 1000ml x 4, 500ml x 6, 250ml x 6	
Power supply	AC220V, SO/60Hz	
Dimension	668W x 801 D x 891 H/mm	
Weight	250Kg	

* Please note that technical specifications subject to change.

A250S-6 	Tube Capacity	250ml	250ml
	Dimensions Ø x L mm	61.8x127.7	61.8x134
Tube Type			
Type: Angle Rotor <25°C Max. RPM: 14,000rpm Max. RC: 30,305xg Radius: 138.3mm for LGCEN-512R Plus	Tube per Rotor	6	
	Max. RCF	30,305	
	radius (mm)	138.3	
	boring Ø x Lmm	62x103	


A1000S-4 	Tube Capacity	1000ml	
	Dimensions Ø x L mm	96x176	
Tube Type			
Type: Angle Rotor <25°C Max. RPM: 8,000rpm Max. RC: 12,157xg Radius: 169.9mmfor LGCEN-512R Plus	Tube per Rotor	4	
	Max. RCF	12,157	
	radius (mm)	169.9	
	boring Ø x Lmm	97x144	

A500S-6 	Tube Capacity	500ml	
	Dimensions Ø x L mm	69.5x170	
Tube Type			
Type: Angle Rotor <25°C Max. RPM: 10,000rpm Max. RC: 17,743xg Radius: 158.7mm for LGCEN-512R Plus	Tube per Rotor	6	
	Max. RCF	17,743	
	radius (mm)	158.7	
	boring Ø x Lmm	70x141	

A1000S-6 	Tube Capacity	1000ml	
	Dimensions Ø x L mm	96x176	
Tube Type			
Type: Angle Rotor <25°C Max. RPM: 7,000rpm Max. RC: 10,962xg Radius: 200.1mm for LGCEN-512R Plus	Tube per Rotor	6	
	Max. RCF	10,962	
	radius (mm)	200.1	
	boring Ø x Lmm	97.5x144	



	S750T-6B Type Swing Rotor $\angle 90^\circ$ Max. RPM 4,500 rpm Max. RCF 5,096 xg Radius 225.1 mm Dim. 333.7x362x55mm	B750  Round Bucket 750ml capacity	B750 Lid  Sealing Cap	TM96-4S  MicroTiter Plate rack
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Model	T5-26	T10-26	T15-19	T50-7	T250-1	T500-1		T50-5C	T15-14C	TS50-5	
Tube Capacity (ml)	5	10	15	50	250	500	750	50	15	50	MTP
DIM. Ø x L mm	12x75	13x100	16x114	29x104	61.8x123	69.5x170.2	97x152	30x115	17x120		
Tube Type											
Adapter											-
Tube per Adapter	26	26	19	7	1	1	-	5	14	5	-
Tube per Rotor	156	156	114	42	6	6	6	30	84	30	6
Max. RCF	4,992	4,972	4,997	4,809	5,030	5,024	5,094	5,071	4,967	4,870	3,433
radius (mm)	220.5	219.6	220.7	212.4	222.2	221.9	225.0	221.6	219.4	215.1	191.9
RPM	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
boring Ø x Lmm	13x0	14x89.5	17x99.5	29.2x81	62.2x99	75.5x99	99x105	29.5x99.5	17x89	27x65	-
Color / Material	Magenta	Yellow	Green	White	Cyan	Violet	-	Blue	Sky Blue	Black	-
Max. length ØxLmm	13x157	14x156.5	17x157.5	29.2x149	62.2x159	75.5x158.5	99x162	29.5x158.5	17x156	27x90	-

Model	T5-30	T10-24	T15-17	T50-4	T250-1	T500-1
Tube Capacity (ml)	5	10	15	50	250	500
Adapter						
Tube per Adapter	30	24	17	4	1	1
Tube per Rotor	180	144	102	24	6	6
Max. RCF	4,870	4,870	4,870	4,870	4,870	4,870
radius (mm)	215.1	215.1	215.1	215.1	215.1	215.1
RPM	4,500	4,500	4,500	4,500	4,500	4,500
boring Ø x Lmm	13x55	13.5x80	17.3x80	29x80	62x80	74x80
Color / Material	Crimson	Yellow	Green	White	Red	Blue
Max. length ØxLmm	17x152	13.5x152	17.3x152	29x152	62x152	74x152