

# CENTRIFUGES Medium 480ml



LGCEN-5



HBTM-5 (HSR-4S)



HM-2



HBT15-8 (HSR-4S)

### Minimized noise

Air from the upper side of chamber makes air flow optimized. BLDC Motor (Brushless motor) minimizes noise and vibration (under 60dB)

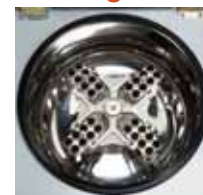
### Still waiting the result?

Motor driving system optimizing: Speedy and smooth acceleration and deceleration makes stable separation.

## LGCEN-5, Multipurpose bench top centrifuge for labs in hospitals and universities

### Features:

- Easy and speedy operation and correction by volume knob
- Graphic LCD display
- Various tube adapters
- Design saving working space
- Highly efficient BLDC motor
- 10 levels of Accel./Decel. is suitable for separation of sensitive layers
- Automatic RPM/RCF calculating system
- Memory function setting the condition of test.



Optimized chamber for effective air circulation.



Simple and elegant display channel

Model	LGCEN-5
RPM	5,500rpm
RCF	5,411 xg
Max. capacity	15ml x 32
Time	99hrs 59min 59sec
Display	RPM, RCF, Time, Program, Accel/Decel Time, Rotor Number, Rotor Radius
Accel/Decel	10 step
Motor	BLDC Motor 700w
Power supply	110V/220V, 60Hz, single phase
Dimension	570W x 475D x 325H/mm
Weight	40Kg

\* Please note that technical specifications subject to change.



LGCEN-55R

Refrigerated



HBTM-5 (HSR-4S)



HM-2



HBT15-8 (HSR-4S)

### Powerful AC Motors & Cooling System

Environmentally refrigerating system of CFC-free and efficient cooling

Easily moveable type of floor standing

Tubes of various volumes

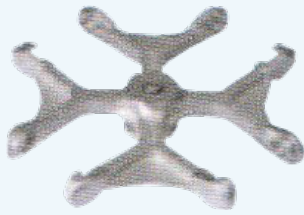
## LGCEN-55R, Multipurpose refrigerated centrifuge

### Features:

- One chip Microprocessor control
- Easy-to-use control
- Environmentally refrigerating system of cfc-free and efficient cooling
- RPM/RCF auto calculating
- Feedback control system
- Brushless AC Induction motor
- Memory for saving experiment condition
- Temperature control system for delicate experiment.

Model	LGCEN-55R
RPM	5,500rpm
RCF	5,411 xg
Max. capacity	15ml x 32
Time	9hrs 59min 59sec
Display	RPM, RCF, Time, Temp, Program, Accel/Decel Rotor Number, Rotor Radius
Warning Display	Imbalance, Door open, Over speed, Over temp
Temp	-10°C ~ 40°C
Accel/Decel	3 step
Motor	AC Induction Motor
Power supply	110V/220V, 60Hz, single phase
Dimension	570W x 475D x 325H/mm
Weight	122 Kg

\* Please note that technical specifications subject to change.



**HSR-4S**

**Type** Swing Rotor  $\pm 90^\circ$   
**Max. RPM** 5,500 rpm  
**Max. RCF** 6,131 xg  
**Radius** 181.3 mm  
**Dim. for** LGCEN-5 / LGCEN-55R



**HBTM-5**

**Type** Rack Holder  
**Max. RPM** 3,000 rpm  
**Max. RCF** 1,681 xg  
**Radius** 167.1 mm

Tube Capacity (ml)	15	15(16)	50	50	50	3	5	10	15(16)
<b>Dimensions <math>\varnothing</math> x L mm</b>	17x120	18x99.3	30x115	29x104	29x104	10x60	11x75	13x100	18x99.3
<b>Tube Type</b>									
<b>Adapter</b>									
<b>Tube per Adapter</b>	4	8	1	1	2	20	14	12	8
<b>Tube per Rotor</b>	16	32	4	4	8	80	56	48	32
<b>Max. RCF</b>	3,089	2,910	5,148	6,131	5,067	1,651	1,651	1,651	1,651
<b>radius (mm)</b>	172.7	162.7	184.2	181.3	181.3	164.1	164.1	164.1	164.1
<b>RPM</b>	4,000	4,000	5,000	5,500	5,000	3,000	3,000	3,000	3,000
<b>boring <math>\varnothing</math> x Lmm</b>	18x99.5	18x89.5	315x115.9	30x99	30x99	10x55	11x55	13x55	18x55
<b>Color / Material</b>	STS	STS	AL	STS	STS	White	Green	Red	Blue
<b>Cat.NO.</b>	HBT15-4C	HBT15-8	HBT50-1C	HBT50-1	HBT50-2	HTR-1	HTR-2	HTR-3	HTR-4
<b>Max. length <math>\varnothing</math> x L mm</b>	18x149	18x139	31.5x161	30x158	30x158	10x140	11x140	13x140	18x140

LGCEN-5 (Dim. 222.5x222.5x42mm), Max. RPM: 5,500 Max. RCF: 6,131 xg  
 LGCEN-55R (Dim. 222.5x222.5x48mm), Max. RPM: 4,000 Max. RCF: 3,470 xg

**Multipurpose Centrifuge Accessories**

