

# BENCHTOP REFRIGERATED CENTRIFUGE LTCEN22-15



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## LTCEN22-15

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuges, Laboratory Floor Type Centrifuges Floor Type Refrigerated Centrifuges, Benchtop Centrifuges Laboratory Tabletop Centrifuges.

## LTCEN22-15 BENCHTOP REFRIGERATED CENTRIFUGE

Full color touch screen interface with microprocessor control system. Store 1000 programs in centrifuge memory which are retained even after powering down the centrifuge. Speed and the centrifugal force can be step adjusted (10 RPM/10xg). High quality CFC-free compressor and maximum speed of 17000 rpm.



### SPECIFICATIONS

Model	LTCEN22-15
Maximum Capacity (No of tubes x Vol.)	4x100 ml / 8x50 ml , 4x250 ml
Maximum Speed	18 500 rpm with 12 x 1.5/2.0 ml ,4 500 rpm with 4 x 250 ml rotor
Speed Accuracy	±10rpm
Maximum RCF	3720xg with 4 x 250 ml rotor , 29990Xg with 24x1.5/2.0 ml
Temp. Control Range	-20~40°C
Temperature Accuracy	±1°C
Time Range	Count up or down
Acceleration	40
Deceleration	40
Refrigeration System	CFC-Free
Control System	Microprocessor
Display	Full color touch screen interface
Rotor Identification	Auto-ID Instant,immediately upon rotor insertion
Drive System	Direct,induction motor drive (Inverter Control)
Programmability	Via easy access touch screen menu
Program Storage	1000 user-defined
Noise Level	≤56 dB (A)
Weight	80 kg
Overall Dimension	25.2x22x15.4 in / 64x56x39 mm
Max. Power Consumption	1200 KW
Power Supply	AC 200-240V,50/60Hz or AC 100-127V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2502222008	No. 1 Fixed-Angle Rotor	12x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	18500 rpm	23915Xg
2502222009	No. 2 Fixed-Angle Rotor	12x5 ml	15000 rpm	18270Xg
2502222010	No. 3-1 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	15000 rpm	21970Xg
2502222011	No. 3-2 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)(rotor with Aerosol-tight lid)	17600 rpm	29990Xg
2502222012	No. 4-1 Fixed-Angle Rotor	12x10 ml	14000 rpm	18120Xg
2502222013	No. 4-2 Fixed-Angle Rotor	36x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	13000 rpm	16340Xg
2502222014	No. 5-1 Fixed-Angle Rotor	6x50 ml (conical)	12000 rpm	15970Xg
2502222015	adapters		12000 rpm	15970Xg
2502222016	adapters		12000 rpm	15970Xg
2502222017	adapters		12000 rpm	15970Xg
2502222018	adapters		12000 rpm	15970Xg
2502222019	adapters		12000 rpm	15970Xg
2502222020	adapters		12000 rpm	15970Xg
2502222021	adapters		12000 rpm	15970Xg
2502222022	adapters		12000 rpm	15970Xg
2502222023	adapters		12000 rpm	15970Xg
2502222024	adapters		12000 rpm	15970Xg
2502222025	No. 5-2 Fixed-Angle Rotor	48x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	12000 rpm	15780Xg
2502222026	No. 5-3 Fixed-Angle Rotor	6x50 ml (round bottom)	12000 rpm	15970Xg
2502222027	adapters		12000 rpm	15970Xg
2502222028	adapters		12000 rpm	15970Xg
2502222029	adapters		12000 rpm	15970Xg
2502222030	adapters		12000 rpm	15970Xg
2502222031	adapters		12000 rpm	15970Xg
2502222032	adapters		12000 rpm	15970Xg
2502222033	adapters		12000 rpm	15970Xg
2502222034	adapters		12000 rpm	15970Xg
2502222035	adapters		12000 rpm	15970Xg
2502222036	No. 6-1 Fixed-Angle Rotor	4x100 ml	11000 rpm	13350Xg
2502222037	adapters		11000 rpm	13350Xg
2502222038	adapters		11000 rpm	13350Xg
2502222039	adapters		11000 rpm	13350Xg
2502222040	adapters		11000 rpm	13350Xg
2502222041	adapters		11000 rpm	13350Xg
2502222042	adapters		11000 rpm	13350Xg
2502222043	adapters		11000 rpm	13350Xg
2502222044	adapters		11000 rpm	13350Xg
2502222045	adapters		11000 rpm	13350Xg
2502222046	adapters		11000 rpm	13350Xg
2502222047	adapters		11000 rpm	13350Xg
2502222048	adapters		11000 rpm	13350Xg
2502222049	No. 6-2 Fixed-Angle Rotor	8x50 ml	11000 rpm	14030Xg
2502222050	adapters		11000 rpm	14030Xg
2502222051	adapters		11000 rpm	14030Xg

2502222052	adapters		11000 rpm	14030Xg
2502222053	adapters		11000 rpm	14030Xg
2502222054	adapters		11000 rpm	14030Xg
2502222055	adapters		11000 rpm	14030Xg
2502222056	adapters		11000 rpm	14030Xg
2502222057	adapters		11000 rpm	14030Xg
2502222058	adapters		11000 rpm	14030Xg
2502222059	adapters		11000 rpm	14030Xg
2502222060	No. 6-3 Fixed-Angle Rotor	12x15 ml	12000 rpm	15890Xg
2502222061	adapters		12000 rpm	15890Xg
2502222062	adapters		12000 rpm	15890Xg
2502222063	adapters		12000 rpm	15890Xg
2502222064	adapters		12000 rpm	15890Xg
2502222065	adapters		12000 rpm	15890Xg
2502222066	adapters		12000 rpm	15890Xg
2502222067	No. 6-4 Fixed-Angle Rotor	8x50 ml (round bottom)	11000 rpm	13350Xg
2502222068	adapters		11000 rpm	13350Xg
2502222069	adapters		11000 rpm	13350Xg
2502222070	adapters		11000 rpm	13350Xg
2502222071	adapters		11000 rpm	13350Xg
2502222072	adapters		11000 rpm	13350Xg
2502222073	adapters		11000 rpm	13350Xg
2502222074	adapters		11000 rpm	13350Xg
2502222075	adapters		11000 rpm	13350Xg
2502222076	adapters		11000 rpm	13350Xg
2502222077	No. 6-5 Fixed-Angle Rotor	24x10 ml	11000 rpm	13350Xg
2502222078	No. 7 Fixed-Angle Rotor	6x10 ml	16000 rpm	18980Xg
2502222079	No. 8-1 Fixed-Angle Rotor	8x15 ml	13000 rpm	14930Xg
2502222080	adapters		13000 rpm	14930Xg
2502222081	adapters		13000 rpm	14930Xg
2502222082	adapters		13000 rpm	14930Xg
2502222083	adapters		13000 rpm	14930Xg
2502222084	adapters		13000 rpm	14930Xg
2502222085	adapters		13000 rpm	14930Xg
2502222086	No. 8-2 Fixed-Angle Rotor	6x30 ml	13000 rpm	15910Xg
2502222087	adapters		13000 rpm	15910Xg
2502222088	adapters		13000 rpm	15910Xg
2502222089	adapters		13000 rpm	15910Xg
2502222090	No. 9 Swing-Bucket Rotor	2x3 pcs microplates (96 wells) or 2x3 pcs microtiter plates or 2x2 pcs cell culture plates or 2x1 pc deep well plates	4000 rpm	1970Xg
2502222091	Rotor Cross		4500 rpm	3720Xg
2502222092	250 ml Round Buckets	4x250 ml	4500 rpm	3720Xg
2502222093	adapters	4x100 ml	4500 rpm	3720Xg
2502222094	adapters	4x50 ml	4500 rpm	3720Xg
2502222095	adapters	8x50 ml (conical)	4500 rpm	3720Xg
2502222096	adapters	8x50 ml (round bottom)	4500 rpm	3720Xg
2502222097	adapters	8x30 ml	4500 rpm	3720Xg

2502222098	adapters	20x15 ml	4500 rpm	3720Xg
2502222099	adapters	36x10 ml	4500 rpm	3720Xg
2502222100	adapters	20x5 ml (conical)	4500 rpm	3720Xg
2502222101	adapters	32x1.5/2.0 ml	4500 rpm	3720Xg
2502222102	adapters	32x2.0 ml	4500 rpm	3720Xg
2502222103	adapters	40x0.5 ml	4500 rpm	3720Xg
2502222104	adapters	20x10 ml virus sampling tube	4500 rpm	3720Xg
2502222105	adapters	28x4-10 ml blood collection / urine tube	4500 rpm	3720Xg
2502222106	adapters	40x1.6-7 ml blood collection / urine tube	4500 rpm	3720Xg
2502222107	Conical Buckets	4x175/225 ml Falcon conical bottle	4500 rpm	3720Xg
2502222108	Buckets	36x4-10 ml blood collection /urine tube	4000 rpm	3100Xg
2502222109	Buckets	48x1.6-7 ml blood collection / urine tube	4000 rpm	3100Xg
2502222110	Buckets	64x1.6-7 ml blood collection / urine tube	4000 rpm	3100Xg



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