

# BENCHTOP REFRIGERATED CENTRIFUGE LTCEN22-14



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## LTCEN22-14

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.

## LTCEN22-14 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.



### SPECIFICATIONS

Model	LTCEN22-14
Maximum Capacity (No of tubes x Vol.)	6x100 ml
Maximum Speed	16500 rpm with 12x1.5/2.0 ml , 4000 rpm with 2x2 pcs microplates rotor
Speed Accuracy	±10rpm
Maximum RCF	24760xg with 24x1.5/2.0 ml , 1500Xg with 2x2 pcs microplates rotor
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
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	60 kg
Overall Dimension	16.5x20.5x14.2 in / 42x52x36 mm
Max. Power Consumption	1200 W
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)
2502221008	No. 1 Fixed-Angle Rotor	12x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	16500 rpm	19000Xg
2502221009	No. 2 Fixed-Angle Rotor	12x5 ml	16000 rpm	20780Xg
2502221010	No. 3-1 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	16000 rpm	24790Xg
2502221011	No. 3-2 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)(rotor with Aerosol-tight lid)	16000 rpm	24790Xg
2502221012	No. 4-1 Fixed-Angle Rotor	12x10 ml	14000 rpm	18120Xg
2502221013	No. 4-2 Fixed-Angle Rotor	36x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	14000 rpm	18960Xg
2502221014	No. 5-1 Fixed-Angle Rotor	6x50 ml (conical)	12000 rpm	15700Xg
2502221015	adapters		12000 rpm	15700Xg
2502221016	adapters		12000 rpm	15700Xg
2502221017	adapters		12000 rpm	15700Xg
2502221018	adapters		12000 rpm	15700Xg
2502221019	adapters		12000 rpm	15700Xg
2502221020	adapters		12000 rpm	15700Xg
2502221021	adapters		12000 rpm	15700Xg
2502221022	adapters		12000 rpm	15700Xg
2502221023	adapters		12000 rpm	15700Xg
2502221024	adapters		12000 rpm	15700Xg
2502221025	No. 5-2 Fixed-Angle Rotor	48x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	12000 rpm	15780Xg
2502221026	No. 5-3 Fixed-Angle Rotor	6x50 ml (round bottom)	12000 rpm	15700Xg
2502221027	adapters		12000 rpm	15700Xg
2502221028	adapters		12000 rpm	15700Xg
2502221029	adapters		12000 rpm	15700Xg
2502221030	adapters		12000 rpm	15700Xg
2502221031	adapters		12000 rpm	15700Xg
2502221032	adapters		12000 rpm	15700Xg
2502221033	adapters		12000 rpm	15700Xg
2502221034	adapters		12000 rpm	15700Xg
2502221035	adapters		12000 rpm	15700Xg
2502221036	No. 6-1 Fixed-Angle Rotor	4x100 ml	11000 rpm	13350Xg
2502221037	adapters		11000 rpm	13350Xg
2502221038	adapters		11000 rpm	13350Xg
2502221039	adapters		11000 rpm	13350Xg
2502221040	adapters		11000 rpm	13350Xg
2502221041	adapters		11000 rpm	13350Xg
2502221042	adapters		11000 rpm	13350Xg
2502221043	adapters		11000 rpm	13350Xg
2502221044	adapters		11000 rpm	13350Xg
2502221045	adapters		11000 rpm	13350Xg
2502221046	adapters		11000 rpm	13350Xg
2502221047	adapters		11000 rpm	13350Xg
2502221048	adapters		11000 rpm	13350Xg
2502221049	No. 6-2 Fixed-Angle Rotor	8x50 ml (conical)	11000 rpm	14030Xg
2502221050	adapters		11000 rpm	14030Xg
2502221051	adapters		11000 rpm	14030Xg

2502221052	adapters		11000 rpm	14030Xg
2502221053	adapters		11000 rpm	14030Xg
2502221054	adapters		11000 rpm	14030Xg
2502221055	adapters		11000 rpm	14030Xg
2502221056	adapters		11000 rpm	14030Xg
2502221057	adapters		11000 rpm	14030Xg
2502221058	adapters		11000 rpm	14030Xg
2502221059	adapters		11000 rpm	14030Xg
2502221060	No. 6-3 Fixed-Angle Rotor	12x5 ml	11000 rpm	13360Xg
2502221061	adapters		11000 rpm	13360Xg
2502221062	adapters		11000 rpm	13360Xg
2502221063	adapters		11000 rpm	13360Xg
2502221064	adapters		11000 rpm	13360Xg
2502221065	adapters		11000 rpm	13360Xg
2502221066	adapters		11000 rpm	13360Xg
2502221067	No. 6-4 Fixed-Angle Rotor	8x50 ml (round bottom)	11000 rpm	13350Xg
2502221068	adapters		11000 rpm	13350Xg
2502221069	adapters		11000 rpm	13350Xg
2502221070	adapters		11000 rpm	13350Xg
2502221071	adapters		11000 rpm	13350Xg
2502221072	adapters		11000 rpm	13350Xg
2502221073	adapters		11000 rpm	13350Xg
2502221074	adapters		11000 rpm	13350Xg
2502221075	adapters		11000 rpm	13350Xg
2502221076	adapters		11000 rpm	13350Xg
2502221077	No. 6-5 Fixed-Angle Rotor	24x10 ml	11000 rpm	13350Xg
2502221078	No. 7 Fixed-Angle Rotor	6x10 ml	16000 rpm	18980Xg
2502221079	No. 8-1 Fixed-Angle Rotor	8x15 ml	14000 rpm	17310Xg
2502221080	adapters		14000 rpm	17310Xg
2502221081	adapters		14000 rpm	17310Xg
2502221082	adapters		14000 rpm	17310Xg
2502221083	adapters		14000 rpm	17310Xg
2502221084	adapters		14000 rpm	17310Xg
2502221085	adapters		14000 rpm	17310Xg
2502221086	No. 8-2 Fixed-Angle Rotor	6x30 ml	14000 rpm	18450Xg
2502221087	adapters		14000 rpm	18450Xg
2502221088	adapters		14000 rpm	18450Xg
2502221089	adapters		14000 rpm	18450Xg
2502221090	No. 9 Fixed-Angle Rotor	4xPCR-Strips	13000 rpm	14640Xg
2502221091	No. 10 Fixed-Angle Rotor	6x100 ml	9000 rpm	9770Xg
2502221092	adapters		9000 rpm	9770Xg
2502221093	adapters		9000 rpm	9770Xg
2502221094	adapters		9000 rpm	9770Xg
2502221095	adapters		9000 rpm	9770Xg
2502221096	adapters		9000 rpm	9770Xg
2502221097	adapters		9000 rpm	9770Xg
2502221098	adapters		9000 rpm	9770Xg
2502221099	adapters		9000 rpm	9770Xg

2502221100	adapters		9000 rpm	9770Xg
2502221101	adapters		9000 rpm	9770Xg
2502221102	adapters		9000 rpm	9770Xg
2502221103	adapters		9000 rpm	9770Xg
2502221104	No. 11 Swing-Bucket Rotor	2x2 pcs microplates (48 wells)	4000 rpm	1500Xg



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