

MULTIPURPOSE REFRIGERATED CENTRIFUGE LTCEN22-8



MULTIPURPOSE REFRIGERATED CENTRIFUGE

LTCEN22-8

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.

LTCEN22-8 MULTIPURPOSE REFRIGERATED CENTRIFUGE

Brushless DC motor

Microprocessor controller

LCD display

The inner chamber is made up of stainless steel

Electronic door interlock

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling

Operating parameters can be modified during the operation

Stable operation



SPECIFICATIONS

Model	LTCEN22-8
Maximum Capacity (No of tubes x Vol.)	4x750 ml , 6 x 50 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed	6000 rpm rpm with 6x50 ml / 12x15 ml , 5000 rpm with 4x250 ml rotor / 4x50 ml rotor / 4x100 ml rotor
Speed Accuracy	± 10 rpm
Maximum RCF	5120xg with 6x50 ml / 12x15 ml , 5200 Xg with 4x250 ml rotor
Time Range	Count up or down
Acceleration Rate	40
Deceleration Rate	40
Refrigeration System	CFC-Free
Control System	Microprocessor
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Drive System	Direct, induction motor drive (Inverter Control)
Overall Dimension	26.8x23.6x16.5 in / 68x60x42 mm
Program Storage	1000 user-defined
Noise Level	≤ 56 dB(A)
Weight (Net/Gross)	106 kg
Max. Power Consumption	1500 W

OPTIONAL ACCESSORIES

Accessory Code	Name	Max Speed (rpm)	Max RCF(g)	Rotor Capacity
2502215008	No. 1 Swing-out Rotor Rotor Cross	5000 rpm	4650g	
2502215009	Tube Racks	5000 rpm	4650g	4x50 ml
2502215010	Tube Racks	5000 rpm	4650g	4x100 ml
2502215011	No. 2 Swing-out Rotor Rotor Cross	4000 rpm	2980g	4x100 ml
2502215012	Tube Racks	4000 rpm	2980g	8x50 ml
2502215013	Tube Racks	4000 rpm	2980g	8x100 ml
2502215014	Tube Racks	4000 rpm	2980g	24x10 ml
2502215015	Tube Racks	4000 rpm	2980g	24x15 ml
2502215016	adapters	4000 rpm	2980g	
2502215017	adapters	4000 rpm	2980g	
2502215018	adapters	4000 rpm	2980g	
2502215019	adapters	4000 rpm	2980g	
2502215020	adapters	4000 rpm	2980g	
2502215021	adapters	4000 rpm	2980g	
2502215022	Tube Racks	4000 rpm	2980g	32x10 ml
2502215023	Tube Racks	4000 rpm	2980g	32x15 ml
2502215024	adapters	4000 rpm	2980g	
2502215025	adapters	4000 rpm	2980g	
2502215026	adapters	4000 rpm	2980g	
2502215027	adapters	4000 rpm	2980g	
2502215028	adapters	4000 rpm	2980g	
2502215029	adapters	4000 rpm	2980g	
2502215030	No. 2-2 Swing-Bucket Rotor	4000 rpm	2980g	4x175/225 ml Falcon conical bottle
2502215031	No. 2-3 Swing-Bucket Rotor	4000 rpm	3100g	36x4-10 ml blood collection / urine tube
2502215032	No. 2-4 Swing-Bucket Rotor	4000 rpm	3100g	48x1.6-7 ml blood collection / urine tube
2502215033	No. 2-5 Swing-Bucket Rotor	4000 rpm	3100g	64x1.6-7 ml blood collection / urine tube
2502215034	No. 3 Swing-Bucket Rotor Rotor Cross (with a wind shield)	5000 rpm	5200g	
2502215035	250ml Round Buckets	5000 rpm	5200g	4x250 ml
2502215036	adapters	5000 rpm	5200g	4x100 ml
2502215037	adapters	5000 rpm	5200g	4x50 ml
2502215038	adapters	5000 rpm	5200g	8x50 ml conical
2502215039	adapters	5000 rpm	5200g	8x50 ml round bottom
2502215040	adapters	5000 rpm	5200g	8x30 ml
2502215041	adapters	5000 rpm	5200g	20x15 ml
2502215042	adapters	5000 rpm	5200g	36x10 ml
2502215043	adapters	5000 rpm	5200g	20x5 ml conical
2502215044	adapters	5000 rpm	5200g	32x1.5/2.0 ml
2502215045	adapters	5000 rpm	5200g	32x2.0 ml
2502215046	adapters	5000 rpm	5200g	40x0.5 ml
2502215047	adapters	5000 rpm	5200g	20x10 ml virus sampling tube
2502215048	adapters	5000 rpm	5200g	28x4-10 ml blood collection / urine tube
2502215049	adapters	5000 rpm	5200g	40x1.6-7 ml blood collection / urine tube

18715787250	Tube Racks	5000 rpm	5200g	32x15 ml
18715787251	No. 4 Swing-Bucket Rotor	4000 rpm	1970g	2x3 pcs microplates (96 wells) or 2x3 pcs microtiter plates or 2x2 pcs cell culture plates or 2x1 pc deep well plates
18715787252	No. 5-1 Swing-Bucket Rotor Rotor Cross	4200 rpm	3550g	
18715787253	500ml Round Buckets	4200 rpm	3550g	4x500 ml
18715787254	Aerosol-tight lids for 500ml Round Buckets	4200 rpm	3550g	
18715787255	adapters	4200 rpm	3550g	4x250 ml
18715787256	adapters	4200 rpm	3550g	4x100 ml
18715787257	adapters	4200 rpm	3550g	16x50 ml conical
18715787258	adapters	4200 rpm	3550g	16x50 ml round bottom
18715787259	adapters	4200 rpm	3550g	16x30 ml
18715787260	adapters	4200 rpm	3550g	36x15 ml
18715787261	adapters	4200 rpm	3550g	56x10 ml
18715787262	adapters	4200 rpm	3550g	36x5 ml conical
18715787263	adapters	4200 rpm	3550g	80x1.5/2.0 ml
18715787264	adapters	4200 rpm	3550g	60x2.0 ml
18715787265	adapters	4200 rpm	3550g	80x0.5 ml
18715787266	adapters	4200 rpm	3550g	36x10 ml virus sampling tube
18715787267	adapters	4200 rpm	3550g	56x4-10 ml blood collection / urine tube
18715787268	adapters	4200 rpm	3550g	72x1.6-7 ml blood collection / urine tube
18715787269	adapters	4200 rpm	3550g	4x175/225 ml Falcon conical bottle
18715787270	Rectangular Buckets	4200 rpm	3550g	
18715787271	adapters	4200 rpm	3550g	20x50 ml conical
18715787272	adapters	4200 rpm	3550g	20x50 ml round bottom
18715787273	adapters	4200 rpm	3550g	20x30 ml
18715787274	adapters	4200 rpm	3550g	40x15 ml
18715787275	adapters	4200 rpm	3550g	40x5 ml conical
18715787276	adapters	4200 rpm	3550g	100x1.5/2.0 ml
18715787277	adapters	4200 rpm	3550g	100x2.0 ml
18715787278	adapters	4200 rpm	3550g	48x10 ml virus sampling tube
18715787279	adapters	4200 rpm	3550g	80x4-10 ml blood collection / urine tube
18715787280	adapters	4200 rpm	3550g	112x1.6-7 ml blood collection / urine tube
18715787281	Round Buckets	4200 rpm	3550g	148x5 ml Radio-immunity tube
18715787282	Round Buckets	4200 rpm	3550g	96x1.6-7 ml blood collection / urine tube
18715787283	Plate Buckets	4200 rpm	3550g	4x2 pcs microplates (96 wells) or 4x2 pcs microtiter plates or 4x2 pcs cell culture plates or 4x1 pc deep well plates
18715787284	No. 5-2 Swing-Bucket Rotor	4000 rpm	3400g	4x250 ml Corning conical bottle or 4x200 ml Nunc bottle
18715787285	No. 6-1 Swing-Bucket Rotor	4000 rpm	3500g	4x750 ml
18715787286	adapters	4000 rpm	3500g	4x500 ml
18715787287	adapters	4000 rpm	3500g	4x250 ml
18715787288	adapters	4000 rpm	3500g	12x100 ml
18715787289	adapters	4000 rpm	3500g	20x50 ml (conical)
18715787290	adapters	4000 rpm	3500g	20x50 ml (round bottom)
18715787291	adapters	4000 rpm	3500g	20x30 ml

18715787292	adapters	4000 rpm	3500g	56x15 ml
18715787293	adapters	4000 rpm	3500g	72x10 ml
18715787294	adapters	4000 rpm	3500g	56x5 ml (conical)
18715787295	adapters	4000 rpm	3500g	96x1.5/2.0 ml
18715787296	adapters	4000 rpm	3500g	88x2.0 ml
18715787297	adapters	4000 rpm	3500g	96x0.5 ml
18715787298	adapters	4000 rpm	3500g	76x4-10 ml blood collection / urine tube
18715787299	adapters	4000 rpm	3500g	96x1.6-7 ml blood collection / urine tube
18715787300	adapters	4000 rpm	3500g	148x5 ml Radio-immunity tube
18715787301	adapters	4000 rpm	3500g	4x175/225 ml Falcon conical bottle
18715787302	adapters	4000 rpm	3500g	4x30/50 ml Falcon Cell Culture Flasks or 4x30/50 ml Corning Cell Culture Flasks
18715787303	adapters	4000 rpm	3500g	4x40 ml Nunc Cell Culture Flasks
18715787304	adapters	4000 rpm	3500g	4x160 ml Nunc Cell Culture Flasks
18715787305	adapters	4000 rpm	3500g	4x200 ml Falcon Cell Culture Flasks or 4x200 ml Greiner Cell Culture Flasks or 4x200 ml Nunc Cell Culture Flasks
18715787107	No. 6-2 Swing-Bucket Rotor	4000 rpm	3500g	4 x 500 ml Corning conical bottle
18715787108	No. 7 Swing-Bucket Rotor	4000 rpm	3580g	6x250 ml
18715787109	adapters	4000 rpm	3580g	6x100 ml
18715787110	adapters	4000 rpm	3580g	6x50 ml
18715787111	adapters	4000 rpm	3580g	12x50 ml conical
18715787112	adapters	4000 rpm	3580g	12x50 ml round bottom
18715787113	adapters	4000 rpm	3580g	12x30 ml
18715787114	adapters	4000 rpm	3580g	30x15 ml
18715787115	adapters	4000 rpm	3580g	54x10 ml
18715787116	adapters	4000 rpm	3580g	30x5 ml conical
18715787117	adapters	4000 rpm	3580g	48x1.5/2.0 ml
18715787118	adapters	4000 rpm	3580g	48x2.0 ml
18715787119	adapters	4000 rpm	3580g	60x0.5 ml
18715787120	adapters	4000 rpm	3580g	30x10 ml virus sampling tube
18715787121	adapters	4000 rpm	3580g	42x4-10 ml blood collection / urine tube
18715787122	adapters	4000 rpm	3580g	60x1.6-7 ml blood collection / urine tube
18715787123	No. 8-1 Fixed-Angle Rotor	6000 rpm	5120g	12x15 ml
18715787124	adapters	6000 rpm	5120g	
18715787125	adapters	6000 rpm	5120g	
18715787126	adapters	6000 rpm	5120g	
18715787127	adapters	6000 rpm	5120g	
18715787128	adapters	6000 rpm	5120g	
18715787129	adapters	6000 rpm	5120g	
18715787130	No. 8-2 Fixed-Angle Rotor	6000 rpm	5120g	6x50 ml
18715787131	adapters	6000 rpm	5120g	
18715787132	adapters	6000 rpm	5120g	
18715787133	adapters	6000 rpm	5120g	
18715787134	adapters	6000 rpm	5120g	
18715787135	adapters	6000 rpm	5120g	
18715787136	adapters	6000 rpm	5120g	
18715787137	adapters	6000 rpm	5120g	

18715787138	adapters	6000 rpm	5120g	
18715787139	adapters	6000 rpm	5120g	



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