

MULTIPURPOSE REFRIGERATED CENTRIFUGE CEN36-0600R



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CEN36-0600R

These laboratory multi purpose Medical Centrifuges are ideal solution for high-end research experiment such as PRP/PPP, cell washing, HCT, blood type test etc. in the biology, radio-immunity, medical and other research fields. These versatile centrifuges have precise temperature control with highly efficient double loop control design which allows fast heating and cooling.

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

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

CEN36-0600R 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	CEN36-0600R
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
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Max Speed (rpm)	Max RCF(g)	Rotor Capacity
2201912005	No. 1 Swing-out Rotor Rotor Cross	5000 rpm	4650g	
2201912006	Tube Racks	5000 rpm	4650g	4x50 ml
2201912007	Tube Racks	5000 rpm	4650g	4x100 ml
2201912008	No. 2 Swing-out Rotor Rotor Cross	4000 rpm	2980g	4x100 ml
2201912009	Tube Racks	4000 rpm	2980g	8x50 ml
2201912010	Tube Racks	4000 rpm	2980g	8x100 ml
2201912011	Tube Racks	4000 rpm	2980g	24x10 ml
2201912012	Tube Racks	4000 rpm	2980g	24x15 ml
2201912013	adapters	4000 rpm	2980g	
2201912014	adapters	4000 rpm	2980g	
2201912015	adapters	4000 rpm	2980g	
2201912016	adapters	4000 rpm	2980g	
2201912017	adapters	4000 rpm	2980g	
2201912018	adapters	4000 rpm	2980g	
2201912019	Tube Racks	4000 rpm	2980g	32x10 ml
2201912020	Tube Racks	4000 rpm	2980g	32x15 ml
2201912021	adapters	4000 rpm	2980g	
2201912022	adapters	4000 rpm	2980g	
2201912023	adapters	4000 rpm	2980g	
2201912024	adapters	4000 rpm	2980g	
2201912025	adapters	4000 rpm	2980g	
2201912026	adapters	4000 rpm	2980g	
2201912027	No. 2-2 Swing-Bucket Rotor	4000 rpm	2980g	4x175/225 ml Falcon conical bottle
2201912028	No. 2-3 Swing-Bucket Rotor	4000 rpm	3100g	36x4-10 ml blood collection / urine tube
2201912029	No. 2-4 Swing-Bucket Rotor	4000 rpm	3100g	48x1.6-7 ml blood collection / urine tube
2201912030	No. 2-5 Swing-Bucket Rotor	4000 rpm	3100g	64x1.6-7 ml blood collection / urine tube
2201912031	No. 3 Swing-Bucket Rotor Rotor Cross (with a wind shield)	5000 rpm	5200g	
2201912032	250ml Round Buckets	5000 rpm	5200g	4x250 ml
2201912033	adapters	5000 rpm	5200g	4x100 ml
2201912034	adapters	5000 rpm	5200g	4x50 ml
2201912035	adapters	5000 rpm	5200g	8x50 ml conical
2201912036	adapters	5000 rpm	5200g	8x50 ml round bottom
2201912037	adapters	5000 rpm	5200g	8x30 ml
2201912038	adapters	5000 rpm	5200g	20x15 ml
2201912039	adapters	5000 rpm	5200g	36x10 ml
2201912040	adapters	5000 rpm	5200g	20x5 ml conical
2201912041	adapters	5000 rpm	5200g	32x1.5/2.0 ml
2201912042	adapters	5000 rpm	5200g	32x2.0 ml

2201912043	adapters	5000 rpm	5200g	40x0.5 ml
2201912044	adapters	5000 rpm	5200g	20x10 ml virus sampling tube
2201912045	adapters	5000 rpm	5200g	28x4-10 ml blood collection / urine tube
2201912046	adapters	5000 rpm	5200g	40x1.6-7 ml blood collection / urine tube
18415484247	Tube Racks	5000 rpm	5200g	32x15 ml
18415484248	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
18415484249	No. 5-1 Swing-Bucket Rotor Rotor Cross	4200 rpm	3550g	
18415484250	500ml Round Buckets	4200 rpm	3550g	4x500 ml
18415484251	Aerosol-tight lids for 500ml Round Buckets	4200 rpm	3550g	
18415484252	adapters	4200 rpm	3550g	4x250 ml
18415484253	adapters	4200 rpm	3550g	4x100 ml
18415484254	adapters	4200 rpm	3550g	16x50 ml conical
18415484255	adapters	4200 rpm	3550g	16x50 ml round bottom
18415484256	adapters	4200 rpm	3550g	16x30 ml
18415484257	adapters	4200 rpm	3550g	36x15 ml
18415484258	adapters	4200 rpm	3550g	56x10 ml
18415484259	adapters	4200 rpm	3550g	36x5 ml conical
18415484260	adapters	4200 rpm	3550g	80x1.5/2.0 ml
18415484261	adapters	4200 rpm	3550g	60x2.0 ml
18415484262	adapters	4200 rpm	3550g	80x0.5 ml
18415484263	adapters	4200 rpm	3550g	36x10 ml virus sampling tube
18415484264	adapters	4200 rpm	3550g	56x4-10 ml blood collection / urine tube
18415484265	adapters	4200 rpm	3550g	72x1.6-7 ml blood collection / urine tube
18415484266	adapters	4200 rpm	3550g	4x175/225 ml Falcon conical bottle
18415484267	Rectangular Buckets	4200 rpm	3550g	
18415484268	adapters	4200 rpm	3550g	20x50 ml conical
18415484269	adapters	4200 rpm	3550g	20x50 ml round bottom
18415484270	adapters	4200 rpm	3550g	20x30 ml
18415484271	adapters	4200 rpm	3550g	40x15 ml
18415484272	adapters	4200 rpm	3550g	40x5 ml conical
18415484273	adapters	4200 rpm	3550g	100x1.5/2.0 ml
18415484274	adapters	4200 rpm	3550g	100x2.0 ml
18415484275	adapters	4200 rpm	3550g	48x10 ml virus sampling tube
18415484276	adapters	4200 rpm	3550g	80x4-10 ml blood collection / urine tube
18415484277	adapters	4200 rpm	3550g	112x1.6-7 ml blood collection / urine tube
18415484278	Round Buckets	4200 rpm	3550g	148x5 ml Radio-immunity tube
18415484279	Round Buckets	4200 rpm	3550g	96x1.6-7 ml blood collection / urine tube
18415484280	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
18415484281	No. 5-2 Swing-Bucket Rotor	4000 rpm	3400g	4x250 ml Corning conical bottle or 4x200 ml Nunc bottle
18415484282	No. 6-1 Swing-Bucket Rotor	4000 rpm	3500g	4x750 ml
18415484283	adapters	4000 rpm	3500g	4x500 ml
18415484284	adapters	4000 rpm	3500g	4x250 ml

18415484285	adapters	4000 rpm	3500g	12x100 ml
18415484286	adapters	4000 rpm	3500g	20x50 ml (conical)
18415484287	adapters	4000 rpm	3500g	20x50 ml (round bottom)
18415484288	adapters	4000 rpm	3500g	20x30 ml
18415484289	adapters	4000 rpm	3500g	56x15 ml
18415484290	adapters	4000 rpm	3500g	72x10 ml
18415484291	adapters	4000 rpm	3500g	56x5 ml (conical)
18415484292	adapters	4000 rpm	3500g	96x1.5/2.0 ml
18415484293	adapters	4000 rpm	3500g	88x2.0 ml
18415484294	adapters	4000 rpm	3500g	96x0.5 ml
18415484295	adapters	4000 rpm	3500g	76x4-10 ml blood collection / urine tube
18415484296	adapters	4000 rpm	3500g	96x1.6-7 ml blood collection / urine tube
18415484297	adapters	4000 rpm	3500g	148x5 ml Radio-immunity tube
18415484298	adapters	4000 rpm	3500g	4x175/225 ml Falcon conical bottle
18415484299	adapters	4000 rpm	3500g	4x30/50 ml Falcon Cell Culture Flasks or 4x30/50 ml Corning Cell Culture Flasks
18415484300	adapters	4000 rpm	3500g	4x40 ml Nunc Cell Culture Flasks
18415484301	adapters	4000 rpm	3500g	4x160 ml Nunc Cell Culture Flasks
18415484302	adapters	4000 rpm	3500g	4x200 ml Falcon Cell Culture Flasks or 4x200 ml Greiner Cell Culture Flasks or 4x200 ml Nunc Cell Culture Flasks
18415484104	No. 6-2 Swing-Bucket Rotor	4000 rpm	3500g	4 x 500 ml Corning conical bottle
18415484105	No. 7 Swing-Bucket Rotor	4000 rpm	3580g	6x250 ml
18415484106	adapters	4000 rpm	3580g	6x100 ml
18415484107	adapters	4000 rpm	3580g	6x50 ml
18415484108	adapters	4000 rpm	3580g	12x50 ml conical
18415484109	adapters	4000 rpm	3580g	12x50 ml round bottom
18415484110	adapters	4000 rpm	3580g	12x30 ml
18415484111	adapters	4000 rpm	3580g	30x15 ml
18415484112	adapters	4000 rpm	3580g	54x10 ml
18415484113	adapters	4000 rpm	3580g	30x5 ml conical
18415484114	adapters	4000 rpm	3580g	48x1.5/2.0 ml
18415484115	adapters	4000 rpm	3580g	48x2.0 ml
18415484116	adapters	4000 rpm	3580g	60x0.5 ml
18415484117	adapters	4000 rpm	3580g	30x10 ml virus sampling tube
18415484118	adapters	4000 rpm	3580g	42x4-10 ml blood collection / urine tube
18415484119	adapters	4000 rpm	3580g	60x1.6-7 ml blood collection / urine tube
18415484120	No. 8-1 Fixed-Angle Rotor	6000 rpm	5120g	12x15 ml
18415484121	adapters	6000 rpm	5120g	
18415484122	adapters	6000 rpm	5120g	
18415484123	adapters	6000 rpm	5120g	
18415484124	adapters	6000 rpm	5120g	
18415484125	adapters	6000 rpm	5120g	
18415484126	adapters	6000 rpm	5120g	
18415484127	No. 8-2 Fixed-Angle Rotor	6000 rpm	5120g	6x50 ml
18415484128	adapters	6000 rpm	5120g	
18415484129	adapters	6000 rpm	5120g	
18415484130	adapters	6000 rpm	5120g	

18415484131	adapters	6000 rpm	5120g	
18415484132	adapters	6000 rpm	5120g	
18415484133	adapters	6000 rpm	5120g	
18415484134	adapters	6000 rpm	5120g	
18415484135	adapters	6000 rpm	5120g	
18415484136	adapters	6000 rpm	5120g	

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