



Centrisart® G-26C

Universal High-Speed Centrifuge
for laboratory applications

Advantages

- Ultra-high speed
- Quiet and compact
- Flexible range of applications
- Volume | capacity: 6 × 85 ml | 510 ml
- Powerful cooling



Product Description

The high-speed refrigerated Centrisart® G-26C achieves a gravitational field of up to 62,000 g, reaching a level of ultracentrifuge that is one of a kind, making it ideally suited for high speed applications. The low profile and damping system lets the centrifuge fit on every laboratory benchtop and permits operation to be quite, simple and comfortable. Centrisart® G-26C comes with different rotor options to accommodate almost all vessel types, which can be used for low to high throughput, as well as applications in molecular biology or cell culture.

The high-speed centrifuge has a high gravitational field; this allows precipitation or phase extraction to take place easily; making the centrifuge best suited for separation of sedimentation of homogeneous materials and solution. This process is promoted by a strong compressor which supplies fast cooling of samples and protects them from heat and churning up. Each process can be stored and re-loaded in the program memory. With the use of adapters, the Centrisart® G-26C is also appropriate for applications concentrating samples via ultrafiltration, e.g., antibody solutions, sample deionization or buffer adjustment, as well as the removal of contaminants with small or very large molecular weights.

The ergonomic design, low profile and extremely quiet noise level makes it easy to set up the centrifuge, simplifies sample loading and unloading as well as allows extremely quiet noise level even at peak output.

The Centrisart® G-26C is an extremely high quality product and meets the highest safety standards. It comes with a secure lid that electronically locks and rotor cover caps that protect against aerosol emissions. The centrifuge also has an automatic rotor detection which prevents mix-ups and an imbalance control sensor which prevents it from starting samples exhibiting deviating weights.

Technical Specifications

Max. speed rpm	26,000
Max. capacity	6 × 85 ml
Max. gravitational field	61,973 g
Min. speed rpm	100
Temperature range	- 20°C to + 40°C
Temperature increments	Adjustable in increments of 1°C
Quick cooling	Quick cool program, rotor cooling even possible during downtimes
Coolant	CFC-free (R404a)
Display	Concise display, backlit keys
Control panel	Easy, 1-button intuitive operation
Motor	Maintenance-free, brushless drive motor
Signal	Acoustic signal, can be switched off, configurable signal length
Lid-lock release	Motorized locked lid, automatic lid-lock release
Lid	Inspection window for independent speed measurement, easy-to-open lid port
Rotor	Rotor detection for fixed angle rotors, swinging rotors
Rotor chamber	Stainless-steel
Imbalance safety mechanism	Automated imbalance control
Timer	10 sec. – 99 min., short run continuous run
Programs	60
Acceleration curves	10, linear, quadratic, user-definable
Deceleration curves	10, linear, quadratic, user-definable
Rotor safety	Automatic detection, cycle counting of the rotors
Dimensions (W × D × H)	570 × 616 × 460 mm
Height with open lid	890 mm
Weight	100 kg
Noise level at max. speed	<63 dB

Electrical connection data

Power consumption	1,350 W
G-26C-1EU	220 – 240 V; 50 60 Hz
G-26C-1US-2P	208 V; 60 Hz, 2 phases
G-26C-1US-3P	220 – 240 V; 60 Hz
G-26C-1JP-2P	200 V; 50 60 Hz, 2 phases

Accessories

Order number	Description
YCSR-A5B	Angle rotor 6 × 50 ml, for vessels made of plastic or stainless-steel Ø 28.5 × 101.5 mm, with hermetically sealed aluminum lid
YCSR-A6B	Angle rotor for 24 × 1.5-2 ml reaction vials, with hermetically sealed aluminum lid
YCSR-A7B	Angle rotor 4 × 80/85 ml, for vessels made of plastic or stainless-steel Ø 38 × 103 mm, with hermetically sealed aluminum lid
YCSR-A8B	Angle rotor 6 × 85 ml for vessels made of plastic or stainless-steel Ø 38 × 112 mm, with hermetically sealed aluminum lid
YCSR-S3B	Swinging rotor, 4 inserts, for buckets
YCSB-B9B	Round bucket, sealable with cap, 1 set = 2 pcs.
YCSA-A9B	Round carrier for one 50-ml culture vessel, 1 set = 2 pcs.
YCSA-A0B	Round carrier for two 15-ml culture vessels, without cap only, 1 set = 2 pcs.
YCSA-AAB	Round carrier for four 1.5 2.0 ml reaction vials, max. Ø 11 mm, 1 set = 2 pcs.
YCSA-ABB	Round carrier for 30-ml vessels with stand-up edges or a flat bottom, max. Ø 25 31 × 65 – 95 mm, 1 set = 2 pcs.
YCSA-ACB	Round carrier for 3 × 5 ml test tubes, 1 set = 2 pcs.
YCST-G26C	Centrifuge table made of painted steel housing with 2 doors and room for accessories, moveable, with locking castors W 570, D 616, H 481 mm

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