



## Centrisart® A-14C

Refrigerated Micro-Centrifuge

### Advantages

- Compact
- High-performance
- Space-saving
- Intense cooling
- Volume | capacity: 24 × 1.5 – 2 ml | 48 ml



### Product Description

The high-performance, space-saving Centrisart® A-14C refrigerated micro-centrifuge features an extremely compact footprint. With a top speed of 15,000 rpm and a capacity of 24 × 1.5 – 2 ml reaction vials, this micro-centrifuge is ideally suited for applications in molecular biology ranging from DNA, RNA and protein isolation to PCR. With oversized control keys and a large display that allows high legibility, the Centrisart® A-14C is easy and convenient to operate.

Its space-saving design lets you set up this centrifuge easily on any laboratory benchtop. The noise level during operation of the Centrisart® A-14 is very quiet which ensures a pleasant environment.

The Rotor A1C is perfectly matched to the Vivaspin® 500, supporting applications for 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.

This centrifuge has a strong compressor which supplies fast and accurate cooling of samples and protects them from heat.

The Centrisart® A-14 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.

## Technical Specifications

Max. speed rpm	15,000
Max. capacity	24 × 1.5 – 2 ml
Max. gravitational field	16,602 g
Min. speed rpm	200
Temperature range	- 10°C to + 40°C
Temperature increments	Adjustable in increments of 1°C
Quick cooling	Guaranteed 4°C at max. speed
Display	Concise display
Coolant	CFC-free (R134a)
Motor	Maintenance-free, brushless drive motor
Timer	10 sec. – 99 min., short run   continuous run
Lid-lock release	Motorized locked lid, automatic lid-lock release
Lid	Inspection window for independent speed measurement
Rotor	Fixed angle rotor
Rotor chamber	Stainless-steel
Programs	10
Acceleration curves	2
Deceleration curves	2
Dimensions (W × D × H)	273 × 515 × 236 mm
Height with open lid	404 mm
Weight	19 kg
Noise level at max. speed	53 dB

### Electrical connection data

Power consumption	230 W
A-14C-1EU	220 – 240 V; 50   60 Hz
A-14C-1US	110 – 120 V; 50   60 Hz

### Accessories

Order number	Description
YCSR-A1C	Angle rotor for 12 × Vivaspin® 500, or 12 × 1.5 – 2 ml
YCSR-A2B	Angle rotor, 24 × 1,5 – 2 ml, polysulfone lid

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