



Microcentrifuge CENTRISART® A-14



Sartorius Stedim Biotech's new high speed benchtop centrifuge, CENTRISART® A -14, is ideally suited for sedimentation in 0.2 ml to 2.2 ml micro tubes.

The large display allows high legibility of the values for speed, relative centrifugal force and running time. These parameters are set quickly and simply with push buttons. The CENTRISART® A -14 operates smoothly and quietly.

CENTRISART® A-14 is equipped with a polypropylene rotor for 12 x 1.5-2.2 ml tubes. Other rotors can be ordered additionally.

Special applications with

- VoluPac tubes for determination of packed cell volume
- Vivaspin 500 ultrafiltration units for sample concentration

Features & Benefits

- Large capacity (up to 24 x 1.5-2.2 ml tubes)
- Top speed of 14,800 rpm, very high relative centrifugal force of 2-16,163 x g
- Bright display offers good legibility; choice of rpm/RCF
- Simple, direct operation using push buttons
- Shortrun, Softstart and Softstop - the only one to offer these features in its class
- Large selection of polypropylene or aluminium rotors
- Air cooling ensures minimal temperature increase of samples in the rotor bowl

Technical Data	CENTRISART® A-14
Electric supply	220-240 V 50/60 Hz, 100-120 V 50/60 Hz
Power consumption	95 W
Max. capacity	24 x 2,2 ml
Max. speed rpm	14.800
Min. speed rpm	200
Dimensions: Height x Width x Depth	176 x 266 x 212 mm
Weight without rotor	5,4 kg
Kinetic energy max. Nm	1721
Interference suppression	EN 61326
Noise level at max. speed (approx.)	58 dB
Max. acceleration rotor 12092	13 sec.
Max. acceleration rotor 12084	20 sec.
Max. deceleration rotor 12092	11 sec.
Max. deceleration rotor 12084	14 sec.
Max. temperature increase rotor 12092, 20 min/continuous	9/13°C
Max. temperature increase rotor 12084	9.8/11.1°C
maintenance-free brushless drive motor	
set time up to 99 min, 59 sec., continuous run	
automated opening of lid, emergency opening of lid	

Ordering Information

BBI-8581401 (220-240 V 50/60 Hz)

BBI-8581410 (100-120 V 50/60 Hz)



12084	Angle rotor, aluminium 24 × 1.5/2.2 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 16,163 × g
12094	Angle rotor, polypropylene 24 × 1.5/2.2 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 16,163 × g
Tubes in 2 rows with identical g-force			
12083	Angle rotor, aluminium 18 × 1.5/2.2 ml or 18 × 0.25/0.4 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 15,673/14,448 × g
12093	Angle rotor, polypropylene 18 × 1.5/2.2 ml or 18 × 0.25/0.4 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 15,673/14,448 × g
Tubes in 2 rows with identical g-force			
12082	Angle rotor, aluminium 12 × 1.5/2.2 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 15,183 × g
12092	Angle rotor, polypropylene 12 × 1.5/2.2 ml,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 15,183 × g
12096	Angle rotor, polypropylene 2 × 8 PCR 0.2 ml ,	incl. polysulfone lid	14,800 min ⁻¹ ≅ 15,183 × g
13002	Adapter for PCR tubes	0.5 0.7 ml	
13000	Adapter for microtubes	0.25 0.4 ml	
13021	Adapter for PCR tubes	0.2 ml	

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