

Sigma 1-14 Microcentrifuge

Part No. 10014 for 230 V 50/60 Hz

Part No. 10015 for 100/120 V 50/60 Hz



This high speed personal centrifuge is most suitable for the sedimentation in microtubes or even smaller tubes.

The values rpm, gravitational field, time are digitally displayed. The centrifuge is running smoothly on an extremely low noise level. It is obvious that all important functions like "short run", "soft start" and "soft stop" are integrated.



The parameters are preselected via buttons.

Push buttons for start, opening of the lid and activation of the brake are making operation very easy.

Rotors for Sigma 1-14:

No. 12094 Angle rotor Polypropylene 24 x 1,5/2,2 ml, incl. polysulfone lid

No. 12084 Angle rotor Aluminium 24 x 1,5/2,2 ml, incl. polysulfone lid

14 800 rpm = 16 162 x g

No. 12093 Angle rotor Polypropylene 18 x 1,5/2,2 ml or 18 x 0,25/0,4 ml, incl. polysulfone lid

No. 12083 Angle rotor Aluminium 18 x 1,5/2,2 ml or 18 x 0,25/0,4 ml, incl. polysulfone lid

14 800 rpm = 15 672/14 203 x g

No. 12092 Angle rotor Polypropylene 12 x 1,5/2,2 ml, incl. polysulfone lid

No. 12082 Angle rotor Aluminium 12 x 1,5/2,2 ml, incl. polysulfone lid

14 800 rpm = 15 182 x g

Adapters for microtubes:

No. 13000 for Beckman tubes 0,25/0,4 ml

No. 13002 for PCR-tubes 0,5 ml e.g. no. 15005

No. 13021 for PCR-tubes 0,2 ml



No. 11026 Hematocritrotor incl. lid for 24 tubes, Ø 1,4 x 50 mm, incl. lid

13 000 rpm, 11 900 x g

No. 17026 Discreader

No. 15028 Capillary tubes Ø 1,4 x 50 mm, 200 pcs

Easy operation

Backlight display

Large digits

Softstart

Softstop

Low noise

Emergency release



Technische Daten	Technical data	SigmatSpin 1-14
Elektrischer Anschluß	Electric supply	230 V 50/60 Hz, 100-120 V 50/60 Hz
Leistungsaufnahme	Power consumption	
Max. Fassungsvermögen	Max. capacity	24 x 2,2 ml
Max. Drehzahl min-1	Max. speed rpm	14 800
Min. Drehzahl min-1	Min. speed rpm	
Abmessungen: Höhe x Breite x Tiefe	Dimensions: Height x Width x Depth	176 x 226 x 212 mm
Gewicht ohne Rotor	Weight without rotor	5,4 kg
Kinetische Energie max.	Kinetic energy max.	
Funkentstörung	Interference suppression	
Geräuschpegel bei max. Drehzahl (ca.)	Noise level at max. speed (approx.)	58 dB
Max. Beschleunigung Rotor 12092	Max. acceleration Rotor 12092	
Max. Beschleunigung Rotor 12084	Max. acceleration Rotor 12084	20 sec.
Max. Bremse Rotor 12092	Max. deceleration Rotor 12092	
Max. Bremse Rotor 12084	Max. deceleration Rotor 12084	14 sec.
Max. Temperaturanstieg Rotor 12092, 20 min/Dauerlauf	Max. temperature increase Rotor 12092, 20 min/continuous	9/13°C
Max. Temperaturanstieg 12084	Max. temperature increase Rotor 12084	

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