

# **TABLETOP CENTRIFUGE CEN14-19**



# TABLETOP CENTRIFUGE CEN14-19

These centrifuges are widely used in the fields of biochemistry, pharmacy, clinical medicine and other research fields for variety of separation needs. The programmable microprocessor centrifuge allows modification of the parameter during operation. In addition, accommodates various type of tubes or plates and size of the sample.

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, Benchtop Centrifuge, Non Refrigerated High Speed Centrifuge, Laboratory Tabletop Centrifuge.

## CEN14-19 TABLETOP CENTRIFUGE

Brushless DC motor

LCD display

Electronic door interlock

Automatic rotor identification

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

Faults are diagnosed automatically

### SPECIFICATIONS

Model	CEN14-19
Maximum Capacity (No of tubes x Vol.)	6x100 ml
Maximum Speed	19000
Speed Accuracy	± 10 rpm
Maximum RCF	25000xg
Time Range	Count up or down
Acceleration Rate	40
Deceleration Rate	40
Control System	Microprocessor
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Multi-stage centrifugal mode	Max up to 5 stages of speed & time
Drive System	Direct, induction motor drive
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion
User Lockout Function	Yes
Program	1000 user-defined
Date Communication	USB port (Run history can be output through USB port)
Overall Dimension	360x450x320 mm
Noise Level	≤ 60 dB(A)
Net. Weight	29 kg
Power	500 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Capacity	RPM	RCF <sub>xg</sub>
2200914005	Swing-out Rotor - Adapter	Blood collection tube	56x8/10 ml		
2200914006	Fixed-Angle Rotor		8x15 ml	12000	13200 <sub>xg</sub>
2200914007	Swing-out Rotor - Adapter		40x15 ml		
2200914008	Fixed-Angle Rotor	with adapters for 0.2/0.5ml tube	12x1.5/2.0 ml	19000	25050 <sub>xg</sub>
2200914009	Fixed-Angle Rotor	Conical	6x50 ml	12000	15970 <sub>xg</sub>
2200914010	Swing-out Rotor - Adapter	Blood collection tube	72x2-7 ml		
2200914011	Swing-out Rotor - Adapter	Falcon conical bottle	4x175/225 ml		
2200914012	Fixed-Angle Rotor		4x100 ml	10000	10640 <sub>xg</sub>
2200914013	Fixed-Angle Rotor		12x5 ml	15000	18270 <sub>xg</sub>
2200914014	Fixed-Angle Rotor	Conical	8x50 ml	10000	10640 <sub>xg</sub>
2200914015	Swing-out Rotor - Adapter		4x250 ml Corning conical bottle or 4x200 ml Nunc bottle or 4x175 ml Nalgene conical bottle		
2200914016	Swing-out Rotor - Adapter		16x50 ml		
2200914017	Fixed-Angle Rotor		6x100 ml	8000	7600 <sub>xg</sub>
2200914018	Swing-out Rotor - Adapter		100x1.5/2.0 ml		
2200914019	Swing-out Rotor - Adapter	Blood collection tube	80x8/10 ml		
2200914020	Fixed-Angle Rotor		4xPCR strip	13000	17000 <sub>xg</sub>
2200914021	Fixed-Angle Rotor	with adapters for 0.2/0.5ml tube	24x1.5/2.0 ml	13500	18170 <sub>xg</sub>
2200914022	Fixed-Angle Rotor		6x10 ml	16000	19070 <sub>xg</sub>
2200914023	Fixed-Angle Rotor		12x10 ml	12500	14000 <sub>xg</sub>

# LABSTAC

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