CENTRIC 250 CENTRIC 250 IVD

ADVANCED CENTRIFUGES

MAIN FEATURES

- > USER adjustable START STOP Features
- > Robust Design, QUIET RUNNING
- > Brushless Drive System, MAINTENANCE FREE
- > SAFE TO USE, Speed Limitation System, Automatic Rotor Recognition System
- > Microprocessor Controlled Functions Lid Locking, Cover opening, Time, and Speed
- > Adjustable Acceleration and Braking System
- > Fast Spin
- > Up to 100 Programs



CENTRIC 250 / CENTRIC 250 IVD is universal laboratory centrifuge, designed for use in medical, industrial and scientific laboratories for separating substances with different relative densities by centrifugal force.

The maximum rotational speed of **16.200 RPM** gives the centrifugal force of **25.200 x g**.

A wide usage of programming options and an electronic operation control allow a trouble-free use of the centrifuge. With a special drive, quiet maintenance-free operation without any carbon dust pollution is guaranteed.

Device is equipped with user-friendly options, which make the operation and standard settings easier for you. Built-in error-detecting functions keep the user from entering incorrect values and check the complete operation.

The centrifuge has the possibility to save programs. In the program store you can save up to 100 different data sets. The centrifuge always keeps the last run program in its memory for an unlimited amount of time allowing the program to be restarted at any time - even if the centrifuge was turned off during operation. All important operation parameters can be seen at a glance.

The settings are executed with knobs and keys on the control panel. The interior of the centrifuge is also easy to clean. We are able to offer you a device that combines functional variety with practical applications.



TECHNICAL DATA	CENTRIC 250 / 250 IVD	
Max. rotation speed	200 to 16.200 rpm, in steps of 10 rpm	
Max. centrifugal force	25.200 x g	
Time	0 - 99 min, HOLD function	
Programs	100	
Acceleration & Deceleration	0 - 9 (10) levels	
Noise level (at max. speed)	< 62 dB(A)	
Fast spin with preselected speed	YES	
Dimensions (W x D x H)	250 x 300 x 415 mm	
Weight	18 kg	

ORDERING INFORMATION		
CENTRIC 250, without rotor		
230V / 50 - 60 Hz	472.000	
CENTRIC 250 without rotor		
115V / 50 - 60 Hz	1472.000	
CENTRIC 250 IVD, without rotor		
230V / 50 - 60 Hz	472.000 IVD	
CENTRIC 250 IVD, without rotor		
115V / 50 - 60 Hz	1472.000 IVD	

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CENTRIC 250 / 250 IVD ACCESSORIES

SWING OUT ROTORS:



Six Place Swing-Out rotor with

- buckets - 6 x 12 ml
- Max. tube dimensions: \$17 x 105 mm Max. speed: 4400 rpm
- Max. centrifugal force: 2160 x g
- Ordering Code: 472.350

ANGLE ROTORS:



Angle rotor with AEROSOL-TIGHT lid - 24 x 1,5/2,0 ml, optional adapters for PCR tubes

- Max. tube dimensions: ϕ 11 x 40 mm

Angle rotor with AEROSOL-TIGHT lid

- Max. tube dimensions: \$17 x 54 mm

- Max. centrifugal force: 21450 x g

- Max. speed: 16200 rpm - Max. centrifugal force: 25200 x g

Ordering Code: 473.400

- Max. speed: 14000 rpm

Ordering Code: 472.890



Angle rotor with lid - 24 x 1,5/2,0 ml, optional adapters for PCR tubes

- Max. tube dimensions: \$11 x 40 mm
- Max. speed: 16200 rpm
- Max. centrifugal force: 25200 x g
- Ordering Code: 456.600

Angle rotor with lid

- 30 x 1,5/2,0 ml, optional adapters for PCR
- tubes - Max. tube dimensions: ϕ 11 x 40 mm
- Max. speed: 14000 rpm
- Max. centrifugal force: 21450 x g

Ordering Code: 456.620

- Angle rotor 12 x 12 ml, 6 x 15 ml, optional adapters for 5 ml, 7ml and 10ml tubes - Max. tube dimensions: \$17 x 120 mm
- Max. speed: 6000 rpm
 Max. centrifugal force: 4020 x g

Ordering Code: 472.320 + shields 455.266



- 16 x 5,0 ml

and 10ml tubes - Max. tube dimensions: ϕ 17 x 120 mm

Ordering Code: 472.920 + shields 455.256



Angle rotor

- 6 x 50 ml conical - Max. tube dimensions: \$29 x 120 mm
- Max. speed: 6000 rpm
- Max. centrifugal force: 3620 x g

Ordering Code: 472.330 + shields 472.806

SPECIAL APPLICATIONS ROTORS:



Cytology rotor

- 8 x Cyto funnels - Max. funnel volume: 6 ml

- Max. speed: 2500 rpm - Max. centrifugal force: 630 x g

Ordering Code: 472.370



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Hematocrit rotor

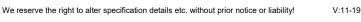
- 24 x glass hematocrit capilares
- Max. capilares dimensions: \$\$\phi1,6 x 75 mm
 Max. speed: 14000 rpm
- Max. centrifugal force: 20160 x g

Ordering Code: 456.630



Angle PCR rotor - 6 x 8 PCR strip - Max. tube dimensions: φ9 x 22 mm - Max. speed: 14000 rpm - Max. centrifugal force: 19500 x g

Ordering Code: 457.380



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Angle rotor - 8 x 15 ml, optional adapters for 5 ml, 7ml

- Max. speed: 6000 rpm
 Max. centrifugal force: 4020 x g