

# 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	
<b>CENTRIC 250</b> , without rotor	
230V / 50 - 60 Hz	472.000
<b>CENTRIC 250</b> without rotor	
115V / 50 - 60 Hz	1472.000
<b>CENTRIC 250 IVD</b> , without rotor	
230V / 50 - 60 Hz	472.000 IVD
<b>CENTRIC 250 IVD</b> , 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:  $\phi 17 \times 105$  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:  $\phi 11 \times 40$  mm
- Max. speed: 16200 rpm
- Max. centrifugal force: 25200 x g

Ordering Code: 473.400



### Angle rotor with lid

- 24 x 1,5/2,0 ml, optional adapters for PCR tubes
- Max. tube dimensions:  $\phi 11 \times 40$  mm
- Max. speed: 16200 rpm
- Max. centrifugal force: 25200 x g

Ordering Code: 456.600



### Angle rotor with AEROSOL-TIGHT lid

- 16 x 5,0 ml
- Max. tube dimensions:  $\phi 17 \times 54$  mm
- Max. speed: 14000 rpm
- Max. centrifugal force: 21450 x g

Ordering Code: 472.890



### Angle rotor with lid

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

Ordering Code: 456.620



### Angle rotor

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

Ordering Code: 472.920 + shields 455.256



### Angle rotor

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

Ordering Code: 472.320 + shields 455.266



### Angle rotor

- 6 x 50 ml conical
- Max. tube dimensions:  $\phi 29 \times 120$  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



### Angle PCR rotor

- 6 x 8 PCR strip
- Max. tube dimensions:  $\phi 9 \times 22$  mm
- Max. speed: 14000 rpm
- Max. centrifugal force: 19500 x g

Ordering Code: 457.380



### Hematocrit rotor

- 24 x glass hematocrit capillares
- Max. capillares dimensions:  $\phi 1,6 \times 75$  mm
- Max. speed: 14000 rpm
- Max. centrifugal force: 20160 x g

Ordering Code: 456.630

We reserve the right to alter specification details etc. without prior notice or liability!

V:11-19

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