

# CENTRIC 150

Durable and sustainable centrifuge

## MAIN FEATURES:

- > Solid metal housing
- > Lid Locking System – SAFE TO USE
- > Variable Speed with Closed Loop Regulation
- > Electronic Timer with HOLD function
- > Microprocessor Controlled Functions of Cover, Time and Speed
- > Automatic Rotor Recognition and Speed Limitation System
- > Adjustable Acceleration and Braking System

TECHNICAL SPECIFICATIONS	
Model	CENTRIC 150
Code for 230V 115V	455.000 1455.000
Power supply	230V / 50-60Hz 115V / 50-60Hz
Power requirement	400W
Fuses	2x5A T - 230V 2x10A T - 115V
Max. rotation speed	500 to 13.000 rpm
Rotating speed adjustment	In steps of 100 rpm
Time	0,1 - 60 min, (in steps of 0,1min ), HOLD function
Acceleration	0 - 9 levels
Deceleration	0 - 9 levels
Permitted ambient temperature	+ 2°C to + 40°C
Permitted max. relative air humidity	85%
Dimensions (H x W x D)	275 x 330 x 240 mm
Weight	14,5kg

ORDERING INFORMATION	
<b>CENTRIC 150</b> , without rotor	
230V / 50 - 60 Hz	455.000
<b>CENTRIC 150</b> , without rotor	
115V / 50 - 60 Hz	1455.000



Centrifuge **CENTRIC 150** is a compact, digital bench-top centrifuge with many additional benefits including an active lid cooling system and silent operation, all at a most-effective price.

Centrifuges functions are controlled by microprocessor which supervises all its safety protection features such as the displayed imbalance cut-out and lid locking system.

It also provides system diagnosis features, automatic rotor recognition and speed limitation, braking and acceleration, intensity, momentary run. Even regulation from the control computer is possible.

Thanks to wide speed range the **CENTRIC 150** can be used not only for simple applications like standard urine and blood separation but also for high speed centrifugation of small samples in tubes ranging from 0.25 to 2.0 ml.

With an additional rotor even 15 ml tubes can be used.

The **CENTRIC 150** is the ideal and affordable choice of centrifuge for daily routine operations in the laboratory. It provides more now to cope with increased demands in the future, all these without the need for additional expense at the later date.

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

V:11-19

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## UNIVERSAL ANGLE ROTORS

Various angle rotors can accept up to 12 tubes arranged in one concentric row. Tubes are placed in angle of 55°. Have in mind that the outer row has greater RCF.



### Angle rotor RA 8/15

- Tube capacity: 5 - 15 ml
- Max. tube dimensions: 16 x 120  $\phi$  x mm
- Max. speed: 5000 rpm
- Max. centrifugal force: 2800 xG

Ordering Code: 455.250



### Angle rotor RA 12/12

- Tube capacity: 5 -15 ml
- Max. tube dimensions: 16 x 120  $\phi$  x mm
- Max. speed: 5000 rpm
- Max. centrifugal force: 2800 xG

Ordering Code: 455.260

## HIGH SPEED ROTORS

Angle rotor can accept up to 24 tubes arranged in one or two concentric rows. Tubes are placed in angle of 45°. Have in mind that the outer row has greater RCF.



### Angle rotor RA 24M

- Tube capacity: 0,25 / 1,5 ml
- Max. tube dimensions: 6 x 30 / 11 x 40  $\phi$  x mm
- Max. speed: 13000 rpm
- Max. centrifugal force: 12280 / 15120 xG

Ordering Code: 456.140

## SPECIAL APPLICATIONS ROTORS

Hematokrit rotor can accept up to 24 glass tubes.



### HEMATOKRIT ROTOR with reading device

- Tube capacity: glas tube
- Max. tube dimensions: 1,6 x 75  $\phi$  x mm
- Max. speed: 13000 rpm
- Max. centrifugal force: 17380 xG

Ordering Code: 455.290



### CYTOLOGY ROTOR

- Tube capacity: 0,5 ml
- Max. speed: 2000 rpm

Ordering Code: 455.360