

ADVANCED CENTRIFUGES

MAIN ADVANTAGES:

- > Robust Design, QUIET RUNNING
- > Brushless Drive System, MAINTENANCE FREE
- > Automatic Rotor Recognition System, SAFE TO USE
- > Speed Limitation System, SAFE TO USE
- > Microprocessor Controlled Functions of Cover, Time, Speed and Temperature
- > Adjustable Acceleration and Braking System
- > Special START - STOP Features
- > Fast Spin & Quick-COOLING® Features
- > Up to 10 Programs



Centrifuge CENTRIC 200R (mark R means with refrigerating system) 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 **25.000 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 10 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.


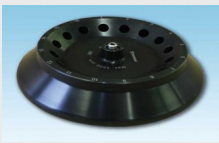
The settings are executed with knobs and keys on the control panel. The interior of the centrifuge is also easy to clean. We are able to offer you a device that combines functional variety with practical applications.


TECHNICAL DATA		CENTRIC 200R
Code for	230V 115V	456.700 1456.700
Power supply		230V / 50-60Hz 115V / 50-60Hz
Power requirement	centrifuge compressor	200W 530W
Fuses		2x10A T - 230V 2x16A T - 115V
Isolation category		I
Max. rotation speed		500 to 16.200 rpm, in steps of 10 rpm
Max. centrifugal force		25.000 x g
Max. load		30 x 2,0ml
Max. kinetic energy		6.200Nm
Max. density of material to be centrifuged		1,2g/ml
Time		0 - 99 min, HOLD function
Program settings		10 programs
Acceleration		0 - 9 levels
Deceleration		0 - 9 levels
Range of control for refrigeration		- 9°C to + 40°C
Refrigeration time »fast cool«		+ 20°C to + 4°C in app. 20min
Sample temperature at max. speed		0°C (at ambient temp. + 20°C)
Cooling medium		R 404 A
Permitted ambient temperature		+ 2°C to + 35°C
Permitted max. relative air humidity		75%
Communication		RS-232
Dimensions (H x W x D)		282 x 360 x 665 mm
Weight		50kg

Accessories for CENTRIC 200R

Fixed angle rotors with aluminium lid	ANGLE ROTOR RA 24 incl. aluminium lid Code No. 456.600	ANGLE ROTOR RA 30 incl. aluminium lid Code No. 456.620
		
Max. capacity (ml)	24 x 2.0	30 x 2.0
Max. speed (RPM)	16.200	14.000
Max. centrifugal force (x g)	25.000	21.457
Radius (mm)	86	98
Acceleration to max. speed (s)	16	15
Braking from max. speed (s)	15	14

Fixed angle rotor	PCR strip ROTOR Code No. 457.380
	
Vial dimensions $\varnothing \times l$ (mm)	6 x 20
Max. no. of vials	48 (6 x 8)
Max. speed (RPM)	14.000
Max. centrifugal force (x g)	19.500
Radius (mm)	86
Acceleration to max. speed (s)	15
Braking from max. speed (s)	14

Fixed angle rotors	ANGLE ROTOR RA 12 Code No. 457.370	ANGLE ROTOR RA 16 Code No. 457.360
		
Vial dimensions $\varnothing \times l$ (mm)	16 x 105	12 x 82
Max. capacity (ml)	12 x 10.0	16 x 5.0
Max. speed (RPM)	5.000	5.000
Max. centrifugal force (x g)	3.200	2.930
Radius (mm)	115	105
Acceleration to max. speed (s)	15	15
Braking from max. speed (s)	14	14

Fixed hematocrit rotor	HEMATOCRIT ROTOR with reading device Code No. 456.630
	
Capillares dimensions $\varnothing \times l$ (mm)	1.6 x 75
Max. no. of capillares	24
Max. speed (RPM)	14.000
Max. centrifugal force (x g)	20.160
Radius (mm)	92
Acceleration to max. speed (s)	15
Braking from max. speed (s)	14

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

DOMEL[®]

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