

A close-up photograph of laboratory equipment. In the foreground, a black cylindrical component with a white adjustment knob is visible, labeled with the number '1' and 'ortoalresa № 220759/05'. To the right, several stainless steel tubes are arranged diagonally, each engraved with 'ortoalresa № 220607/02'. In the background, a black tray holds several red caps. A dark semi-transparent banner is overlaid on the right side of the image, containing the company logo and tagline.

**orto  
alresa**  
About centrifugation

General applications | MICROCEN 24





# MICROCEN 24



The new Microcen 24 emerges as the solution for all those laboratories which are looking for high performance and versatility in a small centrifuge. It allows working with up to 8 conical tubes of 15 ml. as well as other configurations, as its available rotors can be exchanged easily. This equipment includes a rotor with capacity for 8 tubes of 15 ml. round bottom and has an optional range of rotors and adapters.

## Features

- LED screen:
- Shows RPM/ RCF and time.
  - Speed programming in 50 RPM/ 10 xg steps.
  - Count up/down from “0” or at “set RPM/RCF” for reproducible tests.
  - Timer from 1 to 99 min. programmable in 1 min. steps and hold position.
  - Deceleration control in 3 steps: fast, soft and free.
  - Acoustic and visual messages on screen showing the equipment status to the user.

## Easy to use

- Microprocessor controlled.
- Induction motor maintenance free (brushless).
- Rotors list in memory.
- Noise level: below 60 dB.
- Start, stop, open lid and short spin with adjustable speed buttons.
- Possibility to block or modify the speed during the cycle.
- Automatic lid opening, programmable.
- Low height for easy access.
- Last values remain in memory.
- Over-speed protection.

## Safety

- Lid provided with security systems:
  - Automatic lid lock system, motorized. Emergency lid-lock release.
  - Locking and protection against opening along the run.
  - Lid dropping protection.
  - Port in the lid for calibration and operation checking.
- Unbalance detection and switch off.
- Protection safety ring between the centrifugation chamber and the housing.
- Chamber of centrifugation in stainless steel (easy cleaning).
- Rotors and adapters autoclavable, easy to install by the user.
- Ventilation system to reduce temperature increasing
- Automatic disconnection for energy saving, with deactivation option.

3 YEAR WARRANTY

IVD CE



Max. Capacity  
10 x 15 ml

Max. Speed  
6.511 xg / 8.000 RPM

Screen Type  
LED

Version  
Ventilated

EU Directives: 2011/65/EU, 2012/19/EU, 2014/30/EU, 2014/35/EU, 98/79/EC.  
Standards: EN 61010-1, EN 61010-2-101, EN 61010-2-020, EN 61326-2-6, EN 61326-1.

## Versions

	Dimensions (mm) (w x d x h)			Net Weight (Kg)	Voltage (V)	Frequency (Hz)	Consumption (W)
CE 202	270	380	270	16	220-230	50-60	250
CE 203	270	380	270	16	110-120	50-60	250

\*IVD version available, please indicate it in your request

This code includes the next configuration:

**Centrifuge Microcen 24 + angle fixed rotor RT 246** with capacity for **8x15 ml.**

In the next chart you can find a range of accessories (rotors and adapters) that will increase the versatility of this configuration.

## Accessories

	INCLUDED		OPTIONAL			
	RT 246		RT 247	RT 248		
ROTOR	ANGLE FIXED 30 °		ANGLE FIXED 30 °	ANGLE FIXED 30 °		
Max. capacity	8x15 ml.		12x5 ml.	10x15 ml.		
RPM Max.	8.000		8.000	8.000		
Radius (mm)	88		72	89		
RCF Max. (xg)	6.511		5.151	6.368		
SAMPLE VOLUME	ADAPTERS		ADAPTERS		ADAPTERS	
	Tubes	Ref.	Tubes	Ref.	Tubes	Ref.
15 ml. /10 ml. blood sample	8	-	-	-	10	-
15 ml conical	8	RE 459	-	-	-	-
10 ml. / 7/10 ml. blood sample	8	RE 371	-	-	10	RE 470
5 ml. / 5 ml. blood sample	8	RE 377	12	-	10	RE 471
Microtubes 1,5-2 ml.	8	RE 513	-	-	10	RE 574
Microtubes 0,5-0,6 ml.	8	RE 514	-	-	10	RE 586
Microtubes 0,2-0,4 ml.	8	RE 515	-	-	10	RE 587



**orto**  
**alresa**  
About centrifugation

**Álvarez Redondo S.A.**



Los frailes, 121  
Pol. Ind. Los Frailes  
28814 Daganzo | Madrid

[www.ortoalresa.com](http://www.ortoalresa.com)



(+34) 91 884 40 16



[info@ortoalresa.com](mailto:info@ortoalresa.com) to ask for information



[sat@ortoalresa.com](mailto:sat@ortoalresa.com) to contact our technical service

[sales@ortoalresa.com](mailto:sales@ortoalresa.com) to contact our comercial department

[marketing@ortoalresa.com](mailto:marketing@ortoalresa.com) to contact our marketing department