

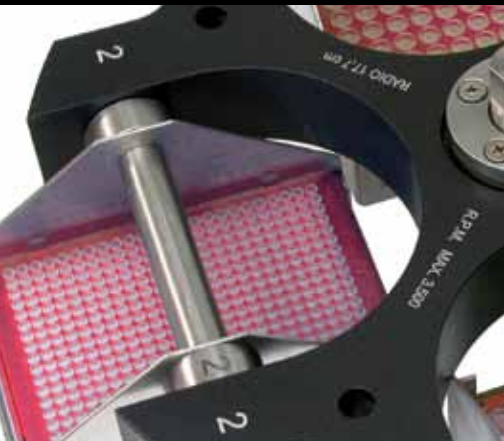
# orto alresa

Centrifuges and laboratory products

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General applications: Centrifuges: Micro

## BIOCEN 22

# BIOCEN 22



Centrifuges: Micro: Biocen 22

IVD CE

Very often the microcentrifuge user must consider the interactions between the tube and the sample, but ... What about the interaction between the tube and the centrifuge?

The **Biocen 22** is designed to prevent contamination by interaction with the centrifuge and temperature increasing by:

- Chamber stainless steel centrifuge easily sterilized.
- Rotors with tight lids.
- Ventilation system that helps reduce the temperature.

Designed for small volume, allows 24 microtubes of 2.2 ml, 32 of 0.2 ml, and up to 24 tubes of 1.5 x 75 mm, reaching 15.000 RPM / 21.885 xg.

Reduce spin time by controlling the different stages, allowing braking according to the type of sample.

#### Optimizing the samples separation on a safe environment.

### User friendliness

- LED screen shown RPM/RCF (on steps 100 RPM/10xg) and time.
- Intuitive handling through start, stops, short spin and lid keys.
- Rotor list on memory.
- Timer count up/down, from 0 or at "set RPM/RCF" for test reproducibility.
- Short spin key with speed adjustable.
- Acceleration and braking selectable by operator
- Automatic open lid.
- Last values remain on memory.
- Lid latch lock.
- Microprocessor controlled.
- Option: free or locked adjustment of RPM/RCF along the run.

### Features

- Induction motor maintenance free.
- Max. capacity: 24 x 2.2 ml.
- Speed, up to 21.885 xg/15.000 RPM
- Quiet: noise level < 60 dB.

### Safety

- Lid locking and holding.
- Imbalance switch off.
- Manual overriding.

- Chamber of centrifugation in stainless steel.
- Lid dropping protection.
- Viewing and calibration port in the lid.
- Several messages keep the operator informed about the device situation.
- Guard ring between the chamber of centrifugation and the housing.
- Forced ventilation which reduces the temperature increase.

**EU Directives:** 98/79/EC, 2006/95/EC, 2004/108/EC, 2011/65/EU, 2012/19/EU  
**Standards:** EN 61010-1, EN 61010-2-020, EN 61326-1.

### Versions

Code	Dimensions ( mm ) ( w x d x h )			Net weight(Kg)	Voltage (V)	Frecuency (Hz)	Consumption (W)
CE 146	276	390	272	17	220-240	50-60	180
CE 147	276	390	272	17	110-120	50-60	180

### Accessories



		RT 227 ANGLE FIXED 45°		RT 228 (1) HORIZONTAL		RT 229 ANGLE FIXED 45°	
<b>ROTOR</b>		ANGLE FIXED 45°		HORIZONTAL		ANGLE FIXED 45°	
Max. capacity		24 of 1,5x2 ml.		24 of 1,5x75 mm.		32 of 0,2 ml	
RPM		15.000		15.000		15.000	
Radius (mm)		82		87		55	
RCF Max. (xg)		20.627		21.885		13.835	
Braking time (s)		15		15		15	
<b>SAMPLE VOLUME</b>	<b>Dim (mm) approx.</b>	<b>ADAPTERS</b> Tubes Ref.		<b>ADAPTERS</b> Tubes Ref.		<b>ADAPTERS</b> Tubes Ref.	
1,5x75 mm. capillaries	1,5x75	-	-	24	-	-	-
microtubes 1,5-2 ml.	11x39	24	-	-	-	-	-
microtubes 0,5-0,6 ml.	8x30	24	RE 305	-	-	-	-
microtubes 0,2-0,4 ml.	6x45	24	RE 304	-	-	32 de 0,2	-

(1) Includes microhaematocrit reader caps

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About centrifugation

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