

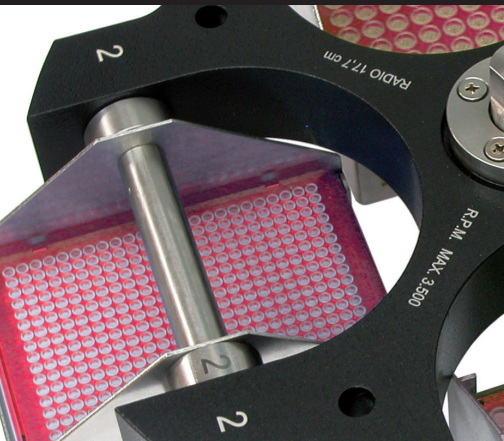
orto alresa

Centrifuges and laboratory products

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General applications: Centrifuges: Micro

BIOCEN 22 R

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Centrifuges: Micro: Biocen 22 R

IVD CE

The **Biocen 22 R** can reach up to 31.865 xg , becoming the necessary tool for most demanding labs. Allows 24 microtubes of 1,5-2 ml, 32 of 0,2 ml, 8 tubes of 15 ml conical and 12 tubes of 5 ml conical.

Usually microcentrifuges work with samples sensitive, valuables, or dangerous (toxic, radioactive, infectious). Ortoalresa has built the Biocen 22 R with several advantages which allow a safe analysis, without interaction of centrifuge, as:

- Cooling system which maintains the sample temperature at 4°C at max speed, regardless of the rotor.
- Chamber of centrifugation in stainless steel, allowing an easy disinfection on samples leakages, avoiding contamination form the centrifuge.
- Rotors with hermetic lids.
- Accessories sterilizables.

User friendliness

- LCD screen shown RPM/RCF (on steps 100 RPM/10xg),time, temperature (1°C steps) and braking (1 second steps).
- Intuitive handling through start, stop, 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.
- Automatic rotor recognition.
- Acceleration and braking selectable by operator.
- 15 memories and pre-cooling program.
- Automatic open lid.
- Lid latch lock.
- Microprocessor controlled.
- Option: free or locked adjustment of RPM/RCF along the run.

Features

- Induction motor maintenance free
- Max. capacity 8 x 15 ml.
- Speed, up to 31.865 xg/18.100 RPM.
- Quiet: noise level < 60 dB.

Safety

- Lid locking and holding.
- Imbalance switch off.
- Manual overriding.
- Chamber of centrifugation in stainless steel.
- 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.
- Lid dropping protection.

Cooling

- Precooling program with rotor spinning and temperature selectable by operator.
- 4°C at Max speed as higher.
- Temperature range from -20°C (-4°F) to 40°C (104°F).
- Temperature sensor inside the chamber, gas R 404A HFC.

EU Directives: 98/79/EC, 2006/95/EC, 2004/108/EC, 2011/65/EU, 2012/19/EU

Regulation: 1005/2009 & 842/2006.

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 148	276	640	272	34	220-240	50-60	540
CE 149	276	640	272	34	110-120	50-60	540

Accessories



ROTOR	ANGLE F. 45°		ANGLE F. 30°		ANGLE F. 45°		ANGLE F. 45°	
Max. capacity	24x1,5-2 ml		8x15 ml		32 x 0,2 ml		12 x 5 ml	
RPM	18.100		8.000		18.100		18.100	
Radius (mm)	82		91		55		87	
RCF Max. (xg)	30.034		6.511		20.145		31.865	
Min.temp. max speed(°C)	0		-2		0		5	

SAMPLE VOLUME	ADAPTERS		ADAPTERS		ADAPTERS		ADAPTERS	
	Tubes	Ref.	Tubes	Ref.	Tubes	Ref.	Tubes	Ref.
15 ml/15 ml conical	-	-	8	-	-	-	-	-
10 ml	-	-	8	RE 371	-	-	-	-
5 ml conical	-	-	-	-	-	-	12	-
5 ml blood sample	-	-	8	RE 377	-	-	-	-
Microtubes 1,5 -2 ml	24	-	8	RE 513	-	-	12	RE 506
Microtubes 0,5 -0,6 ml	24	RE 305	8	RE 514	-	-	12	RE 507
Microtubes 0,2 -0,4 ml	24	RE 304	8	RE 515	32 x 0,2	-	12	RE 508

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About centrifugation

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