

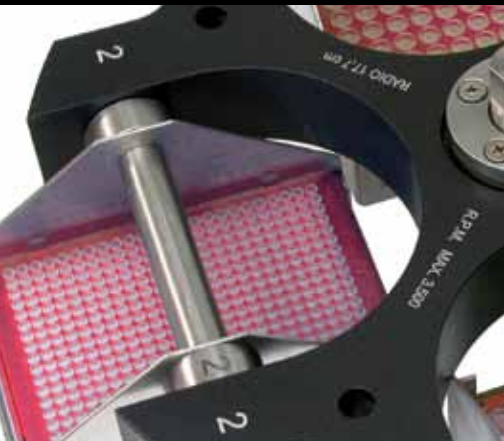
orto alresa

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 30.034 xg , becoming the necessary tool for most demanding labs. Allows 24 microtubes of 2.2 ml, 32 of 0.2 ml and 8x15 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 30.034 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	RT 222		RT 223		RT 224		
	ANGLE FIXED	ANGLE FIXED	ANGLE FIXED	ANGLE FIXED	ANGLE FIXED	ANGLE FIXED	
	45 °	30 °	45 °	45 °	45 °	45 °	
Max. capacity	24 de 1,5 x 2 ml.	8 x 15 ml. conical	32 de 0,2 ml				
RPM	18.100	8.000	18.100				
Radius (mm)	82	91	55				
RCF Max. (xg)	30.034	6.511	20.145				
Min.temp. max speed(°C)	0	-2	0				
SAMPLE VOLUME	Dim(mm) approx.	ADAPTERS		ADAPTERS		ADAPTERS	
		Tubes	Ref.	Tubes	Ref.	Tubes	Ref.
15 ml	16 x 100	-	-	8	-	-	-
10 ml	13 x 100	-	-	8	RE 371	-	-
5 ml blood sample	13 x 82	-	-	8	RE 377	-	-
1,57x75 mm. capillaries	1,5 x 75	-	-	-	-	-	-
Microtubes 1,5 -2 ml	11 x 39	24	-	-	-	-	-
Microtubes 0,5 -0,6 ml	8 x 30	24	RE 305	-	-	-	-
Microtubes 0,2 -0,4 ml	6 x 45	24	RE 304	-	-	32 of 0,2	-

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About centrifugation

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