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General applications: Centrifuges: Small

MICROCEN 24

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The new Microcen 24 bursts as the solution for all those laboratories which are looking for high performance and versatility in a small centrifuge. Allows work 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.
- Timer countdown/up from "0" or at "set RPM/ RCF" for reproducible tests.
- Timer from 1 to 99 min. programmable in 1 min. steps and hold position.
- · Acceleration and deceleration control in 3 steps: fast, soft and free
- Acoustic and visual messages on screen warning the user the equipment status.

## Easy to use

- · Microprocessor controlled.
- Induction motor maintenance free (brushless).
- · Rotors list on memory.
- Noise level: below 60 dB.
- Start, stop, open lid and short spin with adjustable speed buttons.
- Option of free/locked adjustment of RPM/ RCF along the run.
- · Automatic open lid, programmable.
- · 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.
- Forced ventilation to reduce temperature increasing
- Automatic disconnection for energy saving, with deactivation option.

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

### **Versions**

	Dimensions (mm) (w x d x h)			Net weight (Kg)	Voltage (V)	Frecuency (Hz)	Consumption (W)	
CE 202	276	390	272	16	220-230	50-60	280	

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				
Accessories	RT 246			RT	247	RT 248		
				•	in a			
ROTOR	ANGLE FIXED 30 °			ANGLE I	FIXED 30 °	ANGLE FIXED 30 °		
Max. capacity	8x15 ml.			12x5 ml.		10x15 ml.		
RPM Max.	8.000			8.000		8.000		
Radius (mm)	91			72		89		
RCF Max. (xg)	6.511		П	5.152		6.368		
SAMPLE VOLUME	ADAPTERS Tubes Ref.			ADAPTERS Tubes Ref.		ADAPTERS Tubes Ref.		
15 ml. /10 ml. blood sample	8	-	П	-	-	10	-	
15 ml conical		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		-	-	-	-	
Microtubes 0,5-0,6 ml.	8	RE 514				-	-	
Microtubes 0,2-0,4 ml.	8	RE 515		-	-	-	-	



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