

# orto alresa

Centrifuges and laboratory products

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Special applications: Centrifuges life sciences

# VETCEN

**Max. capacity:** 6 x 1,5-2 ml. +6 x 1,5x75 mm.

**Max. speed:** 12.716 xg /11.500 RPM

Small, compact and ideal for applications in veterinary laboratories where the number of samples is small and different types of tubes need to be processed simultaneously. It has a rotor for microtubes and capillary tubes in the same cycle.

## Features

- Multitubes rotor that allows spin capillary tubes and microtubes in the same run.

### 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.



LED

CE

# VETCEN

- 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.

**Standards:** EN 61010-1, EN 61010-2-020, EN 61010-2-101, 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 160	270	400	270	16	220-230	50-60	320
CE 177	270	400	270	16	110-120	50-60	340

## Accessories

RT 126



RT 130



ROTOR	ANGLE FIXED 30°		MIX		
	Max. capacity	12x1,5x75 mm.	6x1,5x75+6x1,5-2 ml.		
RPM Max.	11.500	11.500			
Radius (mm)	86	86			
RCF Max. (xg)	12.716	12.716			
SAMPLE VOLUME	Dim (mm) approx.	ADAPTERS		ADAPTERS	
		Tubes	Ref.	Tubes	Ref.
1,5-2 ml.	Ø 11x39	-	-	6	-
Capillaries	1,5 x 75 mm.	12	-	6	-

**orto**  
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About centrifugation

**Álvarez Redondo S.A.**  
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**Made in Spain (UE)**