



Special applications: Centrifuges life sciences

CYTOCENTRIFUGE

N-Wissen GmbH
info@lab-wissen.de;
Tel: +49 (0) 69 8900 4008;
Fax: +49 (0) 69 8900 4007
Ferdinand-Porsche-Str. 2, 63073 Offenbach - Germany

CYTOCENTRIFUGE

LCD

PCBS



CE

Max. capacity: 12 x 6 ml.

Max. speed: 866 xg / 2.500 RPM

The cytocentrifuge Ortoalresa is designed for concentration of biological samples on a visible surface for the microscope and its subsequent identification and characterisation.

Easy to handle, reduces the handling time, indispensable features in oncology, cytology and microbiology services. It has a swing out rotor for 4 supports, with two positions for recovery of the filtrate for a second processing in the case of low concentration samples. It can adapt rotors for tubes or plates of the Digicen 21 centrifuge.

Features

- Sealed holders which prevent the leak of the sample, easy to use.
- Fast identification of microorganism.
- Allows cells detection even in low concentrated liquids.
- Processing time <15 min.
- Alarm to prevent the drying of the samples every 20 seconds.
- Available rotors for tubes (check Digicen 21 accessories, pag. 44)

LCD screen:

- Shows RPM and RCF, time and acceleration/deceleration (PCBS).
- Speed programming in 10 RPM/ 10 xg steps.
- Timer countdown/up from "0" or at "set RPM/ RCF" for reproducible tests.
- Timer from 5 sec. to 99 min. programmable in 5 sec. steps and hold position.
- PCBS: Progressive controlled acceleration and braking system up to 175 selectable ramps that prevents sample homogenization after separation.
- 16 programmable memories.
- Several acoustic and visual messages warning the user the device situation.

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, programable.
- Last values remain in memory.
- Automatic rotor recognition. Over-speed protection.

Safety



- Lid provided with security systems:
 - Automatic lid lock system, motorized with double lock.
 - 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 up to 8 h., 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)	Frecuency (Hz)	Consumption (W)
CE 254	410	530	320	36	220-230	50-60	440
CE 255	410	530	320	36	110-120	50-60	420

Accessories

	RT 207	RT 313
		
ROTOR	SWING OUT	ANGLE FIXED
Max. capacity	4	12
RPM Max.	2.500	2.500
Radius (mm)	124	86,9
RCF Max. (xg)	866	607
Cytocontainers*	4 x 2,2 ml	-
EZ Single Cytofunnel™	-	12 x 0,1-0,5 ml
EZ Megafunnel™	-	12 x up to 6 ml
Cyto-Clips™	-	12

*Surface on slide: 6,2 mm or 8,7 mm diameter



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