

# orto alresa

Centrifuges and laboratory products

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Special applications: Centrifuges life sciences

## DIGTOR 22 COL

Max. capacity: 4 x 60 ml.

Max. speed: 1.801 xg / 3.000 RPM

Essential tool for fat processing, where we can find the highest concentration of stem cells, for liposculpture techniques and reparative surgery.

## Features

- Available rotors for tubes (check Digtor 22 accessories, pag. 52)
- TFT color touch screen, visible from more than 3 m.:**
- Shows RPM and RCF, time, acceleration/deceleration values (PCBS) and unbalancing location system (ULS).
- Speed programming in 10 RPM/ 10 xg steps
- Real RCF values on screen based in accessories configuration.
- Count up/down from "0" or at "set RPM/RCF" for test reproducibility.
- Timer countdown/up from "0" or at "set RPM/ RCF" for reproducible tests.
- Timer from 1 min to 99 hours programmable in 1 sec. steps and hold position.
- PCBS: Progressive controlled acceleration and braking system up to 175 selectable ramps that prevents sample homogenization after separation.
- ULS: Unbalancing location system indicating on the screen the number of the bucket which produces the unbalance switch off.
- 40 programmable memories, with protection under password.
- Several acoustic and visual messages warning the user the device situation.

## Easy to use

- Microprocessor controlled. PC connection.
- Induction motor maintenance free (brushless).
- Rotors and adapters list on memory.
- Noise level: below 60 dB.
- Start, stop, open lid and short spin with adjustable speed buttons.



# DIGTOR 22 COL

- Option of free/locked adjustment of RPM/ RCF along the run.
- Automatic open lid, programmable.
- 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, 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 204	540	650	400	50	220-230	50-60	460
CE 205	540	650	400	50	110-120	50-60	460

## Accessories

RT 210



ROTOR	SWING OUT		
Max. capacity	4x60 ml		
RPM Max.	3.000		
Radius (mm)	179		
RCF Max. (xg)	1.801		
SAMPLE VOLUME	Dim (mm) approx.	ADAPTERS	
Syringes 60 ml. / 10 ml.	31x165 / 16x118	Tubes	Ref.
		4 / 16	- / RE 438

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About centrifugation

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