

A close-up photograph of laboratory centrifuge components. In the foreground, a black rotor bucket is visible with a white cap and a label that reads '1' and 'ortoalresa Ns 220759/05'. To the right, several stainless steel tubes are arranged in a row, each with a label that reads 'o-alresa Ns 220607/02'. In the background, a black rotor is visible with several red caps. The image is overlaid with a dark semi-transparent rectangle in the upper right and a dark horizontal bar at the bottom.

# orto alresa

About centrifugation

---

Special applications | DIGTOR 22 COL



## DIGTOR 22 COL



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

### Features

- Available rotors for tubes (check Digtor 22 accessories, pag. 72-73 of the general catalogue)

TFT color touch screen, visible from more than 3 m.:

- Shows RPM and RCF, time, acceleration/deceleration values (PCBS) and unbalance location system (ULS).
- Speed programming in 10 RPM/ 10 xg steps
- Real RCF values on screen based on accessories configuration.
- Count up/down from "0" or at "set RPM/RCF" for reproducible tests.
- Timer from 1 sec 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: Unbalance location system indicating on the screen the number of the bucket which produces the unbalance switch off.
- Start delay: To program the time at which the cycle is to begin.
- Linked program: Permits the linking of up to 8 consecutive programmes without the need of user intervention.
- 100 programmable memories, with protection under password.
- Several acoustic and visual messages showing the situation of the device to the user.

### Easy to use

- Microprocessor controlled. Connectivity.
- Induction motor maintenance free (brushless).
- Rotors and adapters list in memory.
- Noise level: below 60 dB.
- Start, stop, open lid and short spin with adjustable speed buttons.
- Possibility to block or modify the speed during the cycle.
- Automatic open lid, programmable.
- Last values remain in memory.
- Automatic rotor recognition. Over-speed protection.



**Max. Capacity**  
4 x 60 ml



**Max. Speed**  
1.801 xg / 3.000 RPM



**Screen Type**  
TFT



**Version**  
Ventilated



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.

### 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.

### Versions

	Dimensions (mm) (w x d x h)			Net Weight (Kg)	Voltage (V)	Frequency (Hz)	Consumption (W)
CE 204	530	640	400	73	220-230	50-60	460
CE 205	530	640	400	73	110-120	50-60	460

### Accessories

RT 302



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	
		Tubes	Ref.
Syringes 60 ml. / 10 ml.	31x165 / 16x118	4 / 16	- / RE 438







**orto**  
**alresa**  
About centrifugation

**Álvarez Redondo S.A.** 

Los frailes, 121  
Pol. Ind. Los Frailes  
28814 Daganzo I Madrid

[www.ortoalresa.com](http://www.ortoalresa.com) 

(+34) 91 884 40 16 

[info@ortoalresa.com](mailto:info@ortoalresa.com) to ask for information   
[sat@ortoalresa.com](mailto:sat@ortoalresa.com) to contact our technical service  
[sales@ortoalresa.com](mailto:sales@ortoalresa.com) to contact our comercial department  
[marketing@ortoalresa.com](mailto:marketing@ortoalresa.com) to contact our marketing department