

orto alresa

Centrifuges and laboratory products

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Special applications: Centrifuges industry

LACTER 21

Max. capacity: 12 Butyrometers

Max. speed: 224 xg / 1.200 RPM

Centrifuge designed to determinate fat in dairy products (cheese, milk, cream, yogurt, butter...) following the procedure of Gerber method.

Features

Heated: working temperature up to 80 °C (176 °F).

LCD screen:

- Shows RPM and RCF, time, temperature and acceleration/deceleration (PCBS).
- Speed programming in 50 RPM/ 50 xg steps.
- Timer countdown/up from "0" or at "set RPM/ RCF" for reproducible tests.
- Timer from 1 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.



LACTER 21

- Option of free/locked adjustment of RPM/ RCF along the run.
- 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.
- Automatic disconnection for energy saving up to 8 h.

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, EN 61010-2-010.

Versions	Dimensions (mm) (w x d x h)			Net weight (Kg)	Voltage (V)	Frecuency (Hz)	Consumption (W)
CE 158	365	300	450	23	220-230	50-60	500
CE 159	365	300	450	23	110-120	50-60	480

Accessories

		RT 240	RT 241
			
ROTOR		ANGLE FIXED 20 °	ANGLE FIXED 20 °
Max. capacity		8 tests	12 tests
RPM Max.		1200	1200
Radius (mm)		139	139
RCF Max. (xg)		224	224
Butyrometers	Butyrometers max. dimensions (mm) are 25 x 212	8	12

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About centrifugation

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Subject to modifications

