



ISO 9001:2015 CERTIFIED COMPANY



Special applications: Centrifuges life sciences

PLASMA 22

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

PLASMA 22

LCD



Prog:01 RT:237
RPM:03000 TC:08:00
Abierta Freno:145

plasma 22

orto
alresa



Max. capacity: 8 x 9/15 ml.

Max. speed: 1.288 xg / 3.000 RPM

Plasma concentration processes to obtain both from the fibrin net as well as that of platelets by means of PRP (platelet-rich plasma) techniques, PRF (platelet-rich fibrin) and derivatives, make the Plasma 22 centrifuge indispensable. The simplicity of these processes erroneously gives the impression that the performance of the technique is not affected by the centrifugation process. Nothing could be more mistaken; maximum performance will only be obtained with equipment that has been validated, and in which the operational parameters, beyond RPM, RCF and time, have been calculated for these processes. The Plasma 22 centrifuge has been developed together with experts in the development of these techniques and has approval for its development.

It maintains the cell structure of the phases for the application of each of the alternatives, ensuring its efficacy in the destination environment and avoiding interference of particles that impede adhesion.

Features

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
 - 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., 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 156	270	400	270	19	220-240	50-60	120
CE 165	270	400	270	19	110-120	50-60	120

Accessories

RT 237



ROTOR		SWING OUT	
Max. capacity		8 x 9/15 ml.	
RPM Max.		3.000	
Radius (mm)		128	
RCF Max. (xg)		1.288	
SAMPLE VOLUME	Dim (mm) approx.	ADAPTERS	
		Tubes	Ref.
9/15 ml	16x107	8	-
5 ml blood sample	13x82	8	RE 474



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