

PTK-Spin features

Digicen 21. www.ortoalresa.com

Introduction

The Digicen 21 has been especially adapted to centrifuge 8 petakaG3 simultaneously. The maintenance free motor makes it perfectly adapted for the intensive work the laboratory demands, enabling long slow programs or high speed centrifugion up to 20.000 RPM. The LCD screen shows current RPM and RCF. The automatic identification of the rotor allows identifying the centrifuge maximum parameter values, enabling it to select from up to 175 different brake speeds.



Characteristics Digicen 21

- Illuminated LCD screen.
- Allows the regulation of RPM in increments of 100 RPM, in increments of 10 x g, & time setting of 1 to 99 minutes or indefinite time setting.
- Programmable brake regulator from between 5 to 180 seconds, in 5 seconds increments.
- Programmable with 16 simultaneous programs.
- Countdown from attaining selected RPM/RCF or from zero.
- Graphical & numerical visual displays.
- Push button of opening of the lid, start, stops, enter and exit.
- Constant display the status of the apparatus.
- Programmable opening: automatically at the end of the cycle or manually by pressing the push button on the panel.
- Adjustable acceleration: smooth & fast.



Easy to use functions

- Maintenance free motor
- Controlled by microprocessor
- Noise level less than 60 db
- Motorized double closure



Safety features

- Continual self check of state of the apparatus & its accessories
- Centrifuge chamber made from Inox steel (stainless steel)
- Built in feature to prevent the lid from dropping closed
- Manual emergency lid opening
- Automatic stop when imbalanced
- Lock feature preventing the movement of the rotor while the lid is open or opening the lid while the rotor is in motion



- Protective ring surround the centrifuge chamber
- Community Legislation: 73/23/CEE and 89/336/CEE
- Standards: 61010-2, 61010-2-020, 61000-3,61004-4 and 55011

Safety features

Height	Length	Width	Nett Weight	Voltage	Frequency
410 mm	530 mm	320 mm	36 kg	220-240 V 110-120 V	50-60

Consumption	Max. RPM:	Max RCF	Capacity	Rotor Radius
280 watts	20.000	675 x g	8 Petakas	151 mm

Digicen 21 & Petaka

The custom made rotor of the Digicen 21 perfectly accommodates the collocation of 8 petakaG3 into a made-to measure sleeve. The orientation of the Petaka into the sleeve is dictated by the operation that is required to be performed.

Change of media maintaining the cells inside the Petaka would require the Petaka to be placed with the air filter as the upper most corner.

For removing cells from the Petaka & leave the media inside, the Petaka would need to placed inside the sleeve with the port as the upper most corner.

For more information on Orto Alresa centrifuge products & their accessories visit www.ortoalresa.com