

Universal Centrifuge

PLC-025

Features:

- Brush-less induction drive
- Swing-out rotor (Horizontal) + Fixed angle
- RPM / RCF conversion automatically
- Imbalance alarm & shutout
- Interlocking lid system
- Lid-open override device
- Errors detection
- Automatic braking system
- Low noise dB
- User-Friendly & sophisticated design
- Emergency STOP



PLC-025

Specifications:

Overall dimension	36 x 45 x 29.5cm
Net weight	20.4 kg (44.88 Lbs)
Speed range	Max 5000 rpm adjustable, digital display
Max RCF	4124xg at 5000rpm or 2640xg at 4000rpm
Motor	Brush-less, 300W
Timer	Digital, 99 min, 2-digits
Errors detection	6 causes (E-1 → E-6), alarm & shutout
Brake	Automatic, less than 1 min.
Indicators	Spin, Alarm, Lid Lock, SV, RPM, RCF
Max capacity	240 ml.
Overheat, overload	Alarm & shutout

Swing-out Rotor Bucket (Ordering information)

Bucket	Capacity / Tube	Max RPM	Max RCF
M-1560	1.5ml x 60	4000	2639xg
M-2260	2.2ml x 60	4000	2639
M-0548	5.0ml x 48	4000	2639
T-1516	15ml x 16	5000	4124
T-5004	50ml x 4	5000	4124

Fixed angle Rotor: H-1615 : 15ml x 16



T-1516



T-5004



H-1615

Technical Data

- Sophisticated module electronic circuit for easy maintenance.
- Stainless steel chamber easy for cleaning ensuring to be free from contamination.
- Automatic imbalance detection system prevents damage by gently bringing rotor to a stop.
- Automatic braking system brakes to complete stop gently within 1 min when the set time is elapsed.
- "LID LOCK" lamp illuminates when the lid is locked properly.
- Convert RPM and RCF readings automatically from one to the other, convenient for choice to meet your application.
- Electric interlocking system prevents the lid open during operation. Press button of LID OPEN before opening the lid.
- Lid can't be opened in case of the failure of the mains power. Lid-open override system is designed to open the lid manually.
- Button STOP functions to stop spinning against the emergency.
- Features Errors detection: Rotor Imbalance 、 Disengaged Connector 、 Overload 、 Driver overheat 、 Motor overheat.
- Brush-less induction drive creates quiet operation and maintenance free.

