

CMC - 3012Plus

Cooling Micro Centrifuges



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Analytical Technologies Limited

An ISO 9001 Certified Company

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These newly developed compact bench top Cooling Centrifuge models CMC-3012Plus offers quiet operation with very small footprint.

Micro Centrifuge model CMC-3012Plus is useful for routine applications in bio-technology, PCR, life sciences, bio-chemical and clinical labs etc. This unit is ideal for centrifugation with micro tubes from 0.2ml upto 1.5ml.

►► Features

- Stable speed output
- High Speed (CMC-3012Plus)
- Wide variety of rotors & reduction adaptors
- Pre-cooling feature
- Fast spin feature
- Calibration window on lid for speed (rpm)
- Brushless Induction motor with variable frequency drive ensure gentle start
- Microprocessor based unit with alpha numeric LCD display
- Self-diagnosis of errors
- Parameters setting through easy to use bi-directional encoder
- Inverter fault detection with auto shutdown
- CFC free refrigeration system
- 24 programme memory
- 3 Accelerations, 4 Deceleration profiles
- Choice of rpm / rcf setting & display
- Operating panel with feather touch keys
- Digital countdown timer 0-99 minutes & continuous run, alarm at completion
- Last set parameters recall (Useful for repetitive analysis)
- Log of cumulative centrifuge run time
- Automatic Rotor Identification
- Automatic Door Lock
- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection & centrifugation stop with display of error
- Motor overload protection
- Gas hinge to prevent falling of door
- Emergency lid lock release

►► Technical Data

Models	CMC-3012Plus
Max. Speed (rpm)	16000
Max. RCF (g)	20000
Max. Tube Size (ml)	5
Max. Capacity (ml)	40
Temperature (°C)	-8°C to + 40°C
Noise	≤ 60db
Dimensions W x D x H (mm)	480 x 585 x 530
Voltage Stabilizers	VS-02

Supply: 220-2140 Volts, 50Hz Single Phase.

►► Angle Rotors for CMC-3012Plus

Models	Capacity	Type of Container	MAX. RPM	MAX. RCF
1214 M	10 x 2ml	Glass tubes	16000	20000
1215 M	24 x 1.5ml	Polypropylene tubes	11850	12715
1216 M	8 x 5ml	Polypropylene tubes	11850	13500
1217 M	4 x 8PCR Strips of 0.2ml	Polypropylene tubes	12000	11910



1217 M
4 x 8PCR Strips of 0.2ml



1215 M
24 x 1.5ml

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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