

High Speed Research Centrifuge

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The range of Table Top Centrifuges are designed for high speed centrifuging applications in Research Labs, Colleges, Hospitals etc.



MP 400



TC 4100 D

TC 4100 D

- Step less speed regulator.
- Digital speed Indicator.
- 1-99 minutes Digital timer & infinite mode.
- Zero Start interlock.
- Imbalance safety cut off.
- Safety Lid switch.
- Dynamic Brake.

TC 4100 F

Features :

- Brushless low noise AC Induction Motor with variable frequency drive.
- LCD Display of Speed & time.
- 1-120 minutes Digital timer & infinite mode.
- Programmable Acceleration / Deceleration - range 40- 240 seconds.
- Dynamic Brake.
- Memory of last used program.

Safety :

- Imbalance detection & safety switch off.
- Safety Lid switch.

MP 400

Features :

- Micro Processor Control.
- Brushless low noise AC Induction Motor with variable frequency drive.
- LCD Display.
- Soft Touch keyboard.
- 99 program memory
- Speed with 10 RPM increment.
- Timer with 1 minute increment.
- Programmable Acceleration / Deceleration (range 60-720 seconds).
- Selector switch for display of working speed/RCF value.
- Other indicators: remaining time, rotor in motion, imbalance, safety lid open.

Safety :

- Safety Electrical and Mechanical lock with programmed emergency release mechanism.
- Imbalance detection & safety switch off.
- Safety Lid switch.

Technical Data

(TC 4100 D / TC 4100 F / MP 400)

(W) 450 mm x (D) 590 mm x (H) 445 mm
 Weight : 52 Kg, Connected Load : 0.75 kVA
 Max. Speed : 20000 RPM, Max. RCF : 34500 xg,
 Max. Tube Size : 100 ml, Max. Capacity : 400 ml.

Fixed Angle Rotor Head

Model	Cap./ml	Type of Rotor	Max. RPM	Max. RCF xg
TC 4101	4x100	Angle	14000	21800
TC 4102	8x50	Angle	13500	21800
TC 4103	6x50	Angle	14500	23000
TC 4104	4x50	Angle	17000	28500
TC 4105	8x25	Angle	15000	23000
TC 4106	6x25	Angle	17000	28500
TC 4107	12x15	Angle	15000	23000
TC 4108	8x15	Angle	16500	32000
TC 4109	6x15	Angle	20000	34500
TC 4110	4x10	Swing Out	12500	16000
TC 4111	24x1.5/2	Angle	20000	31500
TC 4113	24x0.5	Angle	20000	31500
TC 4114	4x25	Swing Out	12000	16000
TC 4115	18x15	Angle	14000	21800
TC 4116	192x0.5	Angle	14000	21800
TC 4117	48x1.5/2	Angle	15000	23300



* All microprocessor centrifuges can be offered with CE Marking. 6