

Laboratory Centrifuge (General Purpose)

(Microprocessor Based, Digital) 4400 R.P.M.

Laby™



Model: T-4M

Specifications

- Compact Laboratory Centrifuge Machine, Microprocessor based, digital.
- Body made of rust proof ABS Plastic injection moulding with metallic protection bowl.
- Lid lock for safe drive.
- Equipped with 0-99 minute timer.
- 2 lines of 16 character LCD display of r.p.m., R.c.f, for set and run time.
- Programmable speed regulator from 500 to 4400 rpm in interval of 100 rpm.
- Last test parameter recall and displays automatically on LCD

Technical Parameters

Max. Speed	4400 r.p.m.
Motor	Universal Motor (with carbon brushes) 1/8 H.P.
Power	AC 220V 50Hz±10%
Dimension of Machine	L=395mm, W=360mm, H=280mm
Dimension of outer box	510 x 510 x 390mm
Net Weight	12.5 kg. Approx. Gross Weight with box = 14 Kg.
Current	220 volts, 50Hz A.C.

The machine comes with any one rotor head, to be selected by customer from below mentioned table.

Type	Nos. of holes x Tube volume
Swing out	8x15ml
Swing out	16 x vacuutainers
Swing out	16 x 12x75mm / 12x100mm borosil tubes
Angle	12 x 15ml.

Standard Accessories & Packing

- The above mentioned rotor heads are completed with S.S. tube carriers, suitable Glass/PVC centrifugal tubes, head puller, spanner and rubber cushions.
- Machine is well packed in 5 ply corrugated box.

Special Features

- The lid is light in weight to avoid accident due to heavy weight metallic lids during operations
- Very stable and low noise
- No vibrations
- Motor fitted on anti vibration spring pads. supported with rubber covering from inside and out side.



Two line LCD Display



Model : T-8M

SPECIFICATIONS

- General Purpose Laboratory Centrifuge Machine, Max. speed 5200 r.p.m.
- Heavy duty C.R.C. construction finished with power coating.
- Double walled ABS injection moulded lid which is light weight to avoid accident.
- Inter lid lock and metallic centrifuge bowl for safety.
- 2 lines of 16 character LCD display of r.p.m., R.c.f, set time and run time
- Microprocessor based programmable speed control from 500 to 5200 r.p.m of rotor and Digital timer (0-59 minutes)
- Last test parameter recall and display automatically on LCD.
- Low noise, smooth and soft start and stable Speed output.
- Wide variety of rotors and reduction adapters available on demand at extra cost.

Technical Parameter

• Max. Speed	5250 r.p.m.
• Max. RCF 'g'	3600
• Max. capacity	400 ml.
• Motor	Universal Motor 1/8 H.P. (fitted with carbon brushes)
• Power	AC 220V 50 Hz ±10%
• Dimension of Machine:	L = 415mm, W = 360mm, H = 305mm
• Dimension of outer box.	510 x 510 x 390 mm
• Nett Weight	21kg. Approx. Gross Weight with box = 23.5Kg.

Special Features

- The lid is light in weight to avoid accident due to heavy weight metallic lids during operations
- Very stable and low noise
- No vibrations
- Motor fitted on anti vibration springs

Price of machines are without Rotor Head which can be selected by customer as per their specific requirement from variety of rotors as under at extra cost :

Rotor type	Rotor Capacity	Speed R.P.M.	Max. R. C.F 'g'	Head type	Rotor Capacity	Speed R.P.M.	Max. R. C.F 'g'
• Swing Out	16x15ml.	4000	2750	• Angle Heads	6x50ml.	5250	3600
• Swing Out	12x15ml.	4400	2750	• Angle Heads	4x50ml.	5250	3600
• Swing Out	8x15ml.	5200	3000	• Angle Heads	4x100ml.	4000	2850
• Swing Out	6x50ml.	4000	2850	• Angle Heads	24x15ml.	4000	2850
• Swing Out	4x50ml.	4400	2750	• Angle Heads	24 Vacuutainers.	4000	2850
• Angle Heads	16x15ml.	5250	3600	• Angle Heads	32 tube of 12x75 mm	4000	2850
• Angle Heads	12x15ml.	5250	3600	• Angle Heads	12x100 mm of Borosil for serum separation	4000	2850
• Angle Heads	8x15ml.	5250	3600				

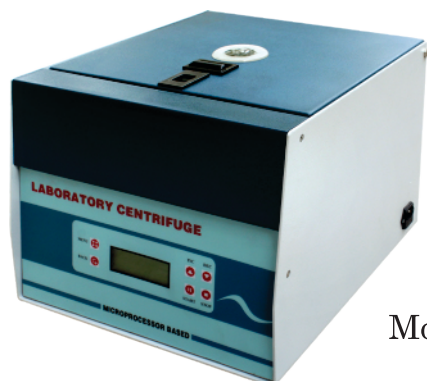
The above mentioned rotor heads are completed with S.S. tube carriers, suitable Glass/PVC centrifugal tubes, head puller, spanner and rubber cushions.

NOTE:

- The speed of the machine depends upon the type of rotor being used. If rotor is heavy the speed will reduce as per above mentioned table.
- This is our general purpose leaflet. We can amend technical features according to the requirement of customer but with our prior consent on our letter head.

Revolutionary General Purpose Centrifuge Microprocessor Digital 5200 R.P.M.

Laby™



Model : T-8 DX



Four Line LCD Display

Specifications

- General Purpose Bench Top Laboratory Centrifuge Machine.
- Heavy duty C.R.C. construction finished with powder coating.
- Double walled ABS injection moulded lid which is light weight to avoid accident.
- Inter lid lock and metallic centrifuge bowl for safety.
- Microprocessor based programmable speed control from 500 to 5200 r.p.m depending upon the type of rotor and Digital timer (0-59 minutes)
- 4 lines, 20 characters. LCD Display for set time, run time, set and run rpm, rcf.
- Last test parameter recall and display automatically on LCD.
- 50 programmes can be stored in memory and automatic rotor identification on display.
- Additional electronic lid lock which does not allow to open lid when machine is running and opens automatically after centrifuge time is over. Calibration window on lid.
- Dynamic brake (automatic) and imbalance detector are provided.
- Selection of 3 acceleration + 4 deceleration profile with fast spin option.

Technical Parameter

▶ Max. Speed	5200 r.p.m.
▶ Max. RCF 'g'	3600
▶ Max. capacity	400 ml.
▶ Motor	Universal Motor (1/8 H.P.) (fitted with carbon brushes)
▶ Power	AC 220V 50 Hz ±10%
▶ Dimension of Machine:	L = 415mm, W = 360mm, H = 305mm
▶ Dimension of outer box.	510 x 510 x 390 mm
▶ Nett Weight	21kg. Approx. Gross Weight with box = 23.5Kg.

Price of machines are without Rotor Head which can be selected by customer as per their specific requirement from variety of rotors as under at extra cost :

Rotor Type	Rotor Capacity	Speed R.P.M.	Max. R.C.F 'g'	Head Type	Rotor Capacity	Speed R.P.M.	Max. R.C.F 'g'
● Swing Out	16x15ml.	4400	2750	● Angle Heads	6x50ml.	5250	3600
● Swing Out	12x15ml.	4400	2750	● Angle Heads	4x50ml.	5250	3600
● Swing Out	8x15ml.	5200	3000	● Angle Heads	4x100ml.	4000	2850
● Swing Out	6x50ml.	4000	2850	● Angle Heads	24x15ml.	4000	2850
● Swing Out	4x50ml.	4400	2750	● Angle Heads	24 Vacuutainers.	4000	2850
● Angle Heads	16x15ml.	5250	3600	● Angle Heads	32 tube of 12x75 mm	4000	2850
● Angle Heads	12x15ml.	5250	3600	● Angle Heads	12x100 mm of Borosil for serum separation	4000	2850
● Angle Heads	8x15ml.	5250	3600				

The above mentioned rotor heads are completed with S.S. tube carriers, suitable Glass/PVC centrifugal tubes, head puller, spanner and rubber cushions.

Note: i) The speed of the machine depends upon the type of rotor being used. If rotor is heavy the speed will reduce as per above mentioned table.

ii) This is our general purpose leaflet. We can amend technical features according to the requirement of customer but with our prior consent on our letter head.



Model : T-10 M

Specifications

- Bench Top High Speed Centrifuge Machine
 - Microprocessor based with digital timer 0 -59 minutes.
 - Heavy duty C.R.C. construction finished with powder coating
 - Metallic centrifugal bowl for extra protection and easy cleaning.
 - Fitted with well balanced universal motor (with carbons)
 - 2 lines of 16 character LCD display of r.p.m., Set time and run time
 - Programmable Speed controller from 2000 to 10000 in variation of 100 rpm
 - Last test parameter recall and displays automatically on LCD
 - Lid lock for safe drive
- Rotors made of Aluminium Alloy to withstand high speed of 10000 rpm

Technical Parameter

• Max. Speed	10000 r.p.m.
• Motor	Universal Motor (With carbon)
• Power	AC 220V 50 Hz ± 10%
• Dimensions	510 x 510 x 390mm
• Weight of Machine	21 kg approx.,
• Dimension & wt. with Box	23.5 kg

Machine comes with only one rotor which can be selected from below mentioned table.

Rotor Type	Rotor Capacity	Max. Speed on Rotor (r.p.m.)
▶ Angle Head	12 x 1.5/2ml	10000
▶ Angle Head	24 x 1.5/2ml	10000
▶ Angle Rotor	8 x 5 ml	10000
▶ Angle Rotor	8 x 15 ml	10000
▶ Angle Head	4 x 25ml	10000
▶ Angle Rotor	4 x 50 ml	10000

Note:

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Special Features

- The lid is light in weight to avoid accident due to heavy weight metallic lids during operations
- Very stable and low noise
- No vibrations
- Motor fitted on anti vibration springs supported with rubber covering from inside and out side.