

HIGH SPEED CENTRIFUGES – FLOOR MODEL

Specifications:

- Microprocessor based control of speed, temp etc.
- Speed: 25,000 rpm or more, RCF: 80,000 x g or more
- Maximum Capacity : 6 liters
- Drive type: Maintenance free, brushless
- Speed Control: ± 20 rpm for 1 - 1000 rpm and 0.2% of the set speed for 1000 - 25,000 rpm
- Real time control: For delayed start/stop runs
- Display should be large and clear, readable from a good distance
- Display of Set-run conditions, chamber temperature Refrigeration System: CFC free
- Pre-cooling function for fast rotor pre-cooling
- Temperature range: 4° C to 40° C, Temperature Control: $\pm 1^\circ$ C
- Instrument should be able to accommodate rotors such as fixed angle rotor, swing out rotor
- All safety features such as password protection, Bio-safety, user program display with history

Rotors required

- Optional 500ml 4/6 rotor with 10,000 rpm and 15,000 g or more
- Fixed angle 6x 250 ml with 15,000 rpm and 30,000 g or more
- Fixed angle rotor for 8x 50 ml with $\leq 20,000$ rpm and 50,000 g or more
- Swing out rotor for 6/8x 50 ml with 10,000 rpm and 50,000 g 25,000 g or more

Essential and optional

Required tubes and bottles (Polycarbonate, Polypropylene, Polyallomer) with Adaptors, Caps etc., for 1.5ml, 10ml, 30ml and 50ml capacities for each rotor to be offered separately.

- 100 ml adapter for Fixed angle 6x 250 ml fixed angle rotor
- 10/15 ml and 1.5 ml adapters for 8x 50 ml fixed angle rotor
- Supply a suitable voltage stabilizer with the machine
- Three Years comprehensive warranty for the entire centrifuge + 2 years frees AMC and 5 years full warranty for the drive unit.
- Validation of the instrument is to be done every six months during the period of warranty.
- Commitment for the supply of Complete Instruction, Service Manuals with Circuit diagrams and engineering details (including Refrigeration) to be supplied along with the system.
- Availability of local Service Support and response time for a Service Call during and after warranty to be mentioned.
- Original Literatures containing detailed specifications and features of both the centrifuge and rotors should accompany the offer.