

Department of Bacteriology

Technical Specifications for Benchtop refrigerated centrifuge

S.No	Technical specification	Complied (yes or No)	If compliance given, mention the page no. of your technical document where the details are provided
1	Benchtop refrigerated centrifuge for high-throughput research applications. Rotor: aerosol-tight rotor for 48 tubes 1.5-2 mL, the aerosol-tight rotor for 30 tubes 1.5-2 mL and the rotor for Microtitre plate centrifuge and adaptors for the PCR 0.2ml tubes. Aerosol-Tight Cap (Bio-safety)		
2	Speed : up to 21000 g		
3	Acceleration/deceleration time : 18 s		
4	Separate short-spin key for fast and comfortable centrifugation		
5	Timer		
6	FastTemp function for fast pre-cooling (24 to 4 °C in 11 min)		
7	Continuous cooling maintains a constant temperature after the run has been completed so that samples stay cool		
8	Temperature range from -10 °C to 40 °C		
9	Maintains constant 4 °C, even at maximum speed		
10	Shut-off program to engage after 1, 2, 4 or 8 hours of non-use for maximum energy savings and extended compressor life		
11	Noise level :<54 dB		
12	Warranty: standard warranty of one year should include calibration for Timer, Temperature and RPM, CAMC for 2 nd and 3 rd year and AMC for the 4 th year.		
13	Appropriate vibration free table to be provided for keeping the centrifuge		
14	UPS to be supplied with 30 minutes back-up.		