

Department of Bacteriology

Technical Specifications for Hybridization oven Quantity – 1 no.

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	The Hybridization Oven should accommodate multiple 150 mm to 300 mm bottles at temperatures up to 80 °C.		
2	The Interior chamber of the hybridization oven should be stainless steel interior, which is ideally suited for incubation and washing steps during nucleic acid hybridization experiments such as Northern-, Southern-, Dot or Slot Blots.		
3	Additional accessories to facilitate to be converted to a rocker shaker and bottle rotator with rotisserie		
4	Precise microprocessor-controlled temperature control for successful and reproducible results		
5	Temperature range up to 80 °C		
6	Variable rotation speed between 4 and 20 rpm		
7	Simple and convenient handling		
8	Neat LED display for temperature		
9	Provision to stack 2 systems on top of each other		
10	The design should include an over-temperature protection system that automatically tracks the set temperature and controls the heater in the event of a fault.		
11	Must Include Accessories		
12	Accessory rotisserie for 2x75mm diameter bottles		
13	Spare rotisserie for 7x40 mm diameter bottles		
14	Hybridisation tubes (40x260mm) or Larger: 4 Nos		
15	Hybridisation tubes (40x170 mm) or smaller : 4 Nos		
16	Warranty: standard warranty of one year , CAMC for 2 nd and 3 rd year and AMC for the 4 th year		