Blotting Equipment

Hybridization Oven

Description: Hybridisation Oven is made out of Heavy Gauge MS with powder coated body. Temperature is maintained from above ambient to 60° C with an accuracy of ± 0.5°C with the help of powerful centrifugal blower. D.C. motor is used to get accuracy in speed and for low noise level. Speed can be controlled from 10 rpm to 60 rpm with an accuracy of 2 rpm. Front door is made out of glass with locking system.

Technical Specification:

Temperature Range	Above Amb to 60°C
Temperature Controller	Digital
Temperature Accuracy	± 0.5°C
rpm	0 to 60 rpm
RPM Indicator	Analogue
Construction	Aluminium with powder coated
Capacity	44 Lts
Motor	D.C. Motor
Input Voltage	230 V A.C.

Semi Dry Blotter
(Size: 8 cm x 10 cm)

Electrophoresis separates Proteins and Nucleic Acids in gels into different components. They are transferred onto membranes for further analysis. The method which transfers macromolecules from gels onto membrane by using electrical force is known as Electro blotting. Electroblotting carried out in semi-dry conditions is known as semi Dry blotter.

Description: Semi Dry Blotter consists of a bottom anode unit and a top cathode unit. The graphite electrode is mounted on the top of the bottom unit. The top cathode unit is also fixed with a graphite electrode and sits on the anode. Gel along with membrane and wet filter papers are placed in between the two units.On passing electric current macromolecules present in the gel move towards anode and stick on to the membrane. This is then analysed by various techniques to detect proteins/ nucleic acids.

Semi Dry Blotter contains Basic Unit, Graphite Electrode Assembly (2 Nos), Non Conducting Sheets(1 No), Connecting cord 1 set.

Optional Accessories:

- Graphite Electrode assembly
- Non Conducting Sheets
- Connecting Cords.