

Product Name :
Horizontal Laminar Air Flow Cabinets

Product Code :
NLABMEDICAL-M3160004

Description :

Horizontal Laminar Air Flow Cabinets India, Horizontal Laminar Air Flow Cabinets manufacturer India, suppliers, Medical Horizontal Laminar Air Flow Cabinets India, Hospital Horizontal Laminar Air Flow Cabinets India

Technical Specification :

Works on laminar flow principle involves double filtration of air through coarse Pre Filters (up to 5 microns) and Hepa filters (down to 0.3 microns) for filtration of Biological & Particulate contaminants.

A constant uni-directional air flows either Horizontally or Vertically, is drawn from atmosphere and passed through pre and Hepa filters on to the work surface.

Fabricated out of reinforced pest and weather resistant Duro-board which is clad in from outside in laminated sheet and inner exposed areas are finished in Epoxy aint.

Table top stainless steel sheet. Side panels are fixed and made of clear Plexiglas's. Front door is folding & made of clear Plexiglas's.

Prefilters:- DOP tested as per Standard BS: 2831 with efficiency 90% down to 5microns. Made of Washable synthetic material.

Hepa Filters:-

Made of Microglass fibre with corrugated aluminium foil separators. DOP tested as per US Standard 209B.Efficiency 99.97% down to0.3 microns.

Blower Units:-

Assembly of AU or equivalent motor workable on 220V AC 50Hz single phase, dynamically balanced blowers making the unit least vibrant with minimum noise level.

Features:-

Lighting : Fluorescent tube lights

Sterilization : Germicidal Ultra Violet (UV) tube

Manometer : Static pressure thick Acrylic block type

K-System:-

The K-System encompasses the specialist requirement of oocyte, sperm and embryo handling during procedures in both animal and human reproduction.

The K-system is often built into a Laminar Flow Cabinet.

The utensils are warmed by the heating of part of the table plate of the cabinet.

The transmitted light source and the regulation transformer for the stereo microscope are located under the stainless steel table plate, with a window for transmitted light built into the table plate.

Advantages of the K-System:-

Maximum working area in Laminar Flow Cabinet

Handling of oocytes and embryos on one level

All oocytes from one patient in one storage tray

Oocytes stored in cabinet until insemination

Cleaning is easy and sterilization possible

Laminar with All Stainless steel body / Sealing / Wall Hanging can also be fabricated

Suitable for Pharmaceutical Industries as per the requirement

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