

BCC - 3075

Biosafety Cabinet Class II



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► INTRODUCTION

- Biosafety Cabinets are specialized workstations widely used in clinical, pharmaceutical, life science and industrial laboratories where experiments need highly contaminant free environment.
- Personnel protection from harmful agents inside the cabinet.
- Product protection to avoid contamination of the work, experiment or process.
- Environment Protection.
- Sound level no more than 65 dbA.
- The Unit is suitable for CLASS 100 conditions.
- Outer body made of Board laminated with sunmica top OR MS Powder Coated OR Steel 304 Grade.
- 70% of the air is re-circulated through the HEPAfilter.
- The contaminated air is drawn by the blower through the plenum of the cabinet.
- 30% of the air is exhausted from work area.
- Filtered Exhaust protects ambient environment, and avoids build up, air borne particles.
- The exhaust of Safety Cabinet is connected to the Virus Burn out Unit for product and personnel protection.
- Air is drawn through Pre-Filter and is made to pass through high effective HEPA(High Efficiency Particular Air) filters.
- HEPA filters efficiency 99.97% for particle size 0.3 microns.
- Inflow velocity remains approx. 105 fpm (0.5 m/sec), while down flow velocity remains approx. 55 fpm (0.3 m/sec). 70% air is re-circulated and 30% exhaust.
- Fitted with Motor-Blower. Complete with HEPA Filters, Pre filters, Fluorescent Tube, UM Tube, Motor Blower, Transparent Acrylic Sheet Front and Side Doors with 5/15 amp socket.
- Power 220-230voltsACSupply.

►► AVAILABLE WORKING TABLE SIZE

- (a) 2' x 2' 2' (b) 3' x 2' x 2' (c) 4' x 2' x 2' (d) 6' x 2' x 2'

►► OPTIONAL

- (a) Static Pressure Manometer
 (b) ULPA Filter in lieu of HEPA Filter
 (c) Exhaust Ducting per running Ft.
 (d) HEPA Filtration at exhaust
 (e) Virus burn out at Exhaust
 (f) Heavy Duty Exhaust System for long ducting
 (g) Gas Burner

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Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

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Counter



Optical Emission
Spectrophotometer



DSC/TGA



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Chemistry Analyzer



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Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
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Analytical Foundation

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