



HORIZONTAL LAMINAR FLOW CABINETS

ES-BBS-H series



ES-BBS-H1100 and ES-BBS-H1500



ES-BBS-H1300 and ES-BBS-H1800

The Laminar Flow Cabinet is an enclosure work bench which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream.

The laminar flow cabinet is enclosed on its sides and it is kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

The laminar flow cabinet is widely used in medical research laboratories, hospitals and other research and production environments.



ADVANTAGES:

HEPA filter with efficiency: 99.999% at 0.3um.

Adjustable air speed.

UV timer for ES-BBS-H1300 and ES-BBS-H1800

Microprocessor control system.

LED / LCD display.

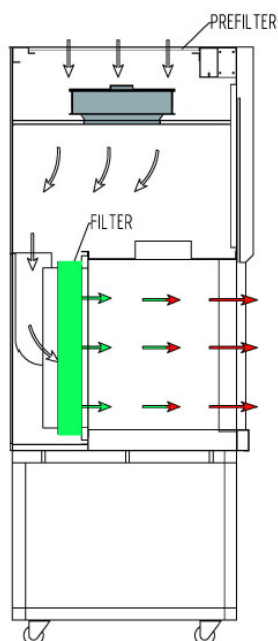
LED Display



LCD Display



Air Flow Pattern



Polluted air

HEPA filtered air

Room air

ES-BBS-H1100 and ES-BBS-H1500



Waterproof socket

UV lamp

Universal wheels



LED control panel

Fluorescent lamp

ES-BBS-H1300 and ES-BBS-H1800



Fluorescent lamp

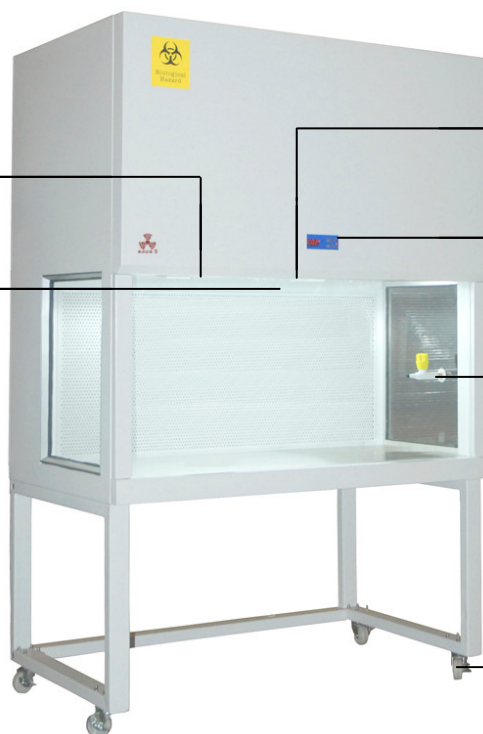
UV lamp

Waterproof socket

LCD control panel

Gas Tap

Universal wheels





TECHNICAL SPECIFICATIONS

| Cod. | ES-BBS-H1100 | ES-BBS-H1500 | ES-BBS-H1300 | ES-BBS-H1800 |
|---------------------------------|--|----------------------|---|-----------------------|
| External Size (W x D x H mm) | 1060 x 800 x 1690 mm | 1460 x 800 x 1690 mm | 1300 x 825 x 2000 mm | 1800 x 825 x 2010 mm |
| Internal Size (W x D x H mm) | 980 x 500 x 600 mm | 1380 x 500 x 600 mm | 1200 x 500 x 570 mm | 1700 x 500 x 570 mm |
| Work surface height | 700 mm | 700 mm | 720 mm | 720 mm |
| Display (control panel) | LED display | | LCD display | |
| Airflow speed | Average of 0,3 ~ 0,5 m/s | | | |
| Material | Main Body: Cold-rolled steel with anti-bacteria powder coating | | | |
| | Side Window: 5mm toughened glass anti-UV radiation | | | |
| | Work table: 304 stainless steel | | | |
| Pre-filter | Washable polyester fiber | | | |
| HEPA filter | 99,999 % efficiency at 0,3 um | | | |
| Noise | ≤ 60 dB | ≤ 60 dB | ≤ 60 dB | ≤ 60 dB |
| Front window | liftable | liftable | Motorized | Motorized |
| Fluorescent Lamp | 21 W x 1 | 28 W x 1 | 28 W x 1 | 28 W x 1 |
| UV Lamp | 20 W x 1 | 30 W x 1 | 30 W x 1 | 30 W x 1 |
| Consumption | 320 W | 620 W | 400 W | 700 W |
| Wheels | Universal wheels with leveling feets | | | |
| Power Supply | 110/220V ± 10%, 50/60Hz | | | |
| Standard Accessories | Fluorescent lamp, UV lamp x 2, base stand and Waterproof socket x 2 | | Fluorescent lamp, UV lamp x 2, base stand, gas tap and Waterproof socket x 2 | |
| Gross Weight | 143 kg | 183 kg | 165 kg | 270 kg |
| Package Size (W x D x H mm) | 1230 x 940 x 1900 mm | 1630 x 940 x 1900 mm | 1470 x 1060 x 1600 mm | 1960 x 1000 x 1600 mm |



ESSE3 srl, Via Garibaldi 30
 14022 Castelnuovo D.B. (AT)
 Tel +39 011 99 27 706
 Fax +39 011 99 27 506
 e-mail esse3@chierinet.it
 web: www.esse3-medical.com

