CLASS II A2 BIOLOGICAL SAFETY CABINET

TECHNICAL PARAMETERS

MODEL

IIA2-X

Work Surface Height

Inflow Velocity

Downflow Velocity

Airflow System

Front Window

Max Opening

Tested Opening

HEPA Filter

Noise

Display

UV Lamp

LED Lamp

External Size

Internal Size

Gross Weight

750 mm

 $0.53 \pm 0.025 \text{ m/s}$

 $0.33 \pm 0.025 \text{ m/s}$

70% air recirculation, 30% air exhaust

Motorized

500 mm

Safety height 200 mm

Two, 99.999% efficiency at 0.3 µm

EN12469 ≤58 dB / NSF49 ≤61 dB

LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc.

40 W, emission of 253.7 nm

16 W

1500 x 750 x 2250 mm

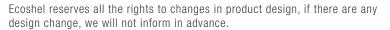
1350 x 600 x 660 mm

316 kg

DESCRIPTION

Biological Safety Cabinet is necessary equipment in the laboratory when operator need to apply protective measures, such as in medical and health, pharmacy, medical research. This equipment provides a safety working environment through negative pressure filtration system for protecting operator, laboratory environment and work materials. Type A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.







Material

Front Window: Two-layer laminated toughened glass $\geq 5\,$ mm Work Zone: 304 stainless steel

Main Body and Base: Cold-rolled steel with anti-bacteria powder

900 W

AC 110V±10%, 60Hz

Consumption

Power Supply

STANDARD ACCESSORIES

1. Base stand with footmaster caster

- 2. Remote control
- 3. Keys
- 4. LED lamp
- 5. UV lamp
- 6. Foot switch
- 7. Drain valve

OPTIONAL ACCESSORIES

- 1. Gas tap
- 2. Water tap

KEY FEATURES

- 1. Intuitive control panel and soft keys.
- 2. Two waterproof sockets.
- 3. Visual and audio alarm when filter replacement, front window at unsafe height and abnormal airflow velocity.
- 4. Interlock function: UV lamp and front window; UV lamp and blower; UV lamp and LED lamp; blower and front window.
- 5. Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



Ecoshel reserves all the rights to changes in product design, if there are any design change, we will not inform in advance.