Telstar® *Advance AP*

Microbiological Safety Cabinet class II for Anatomical Pathology

This special version of the Telstar BIO II Advance Plus 6 has been developed as a response to some of the most common needs within a pathology department: to manipulate and prepare organs and tissues for further study, offering optimal protection for the user.

This cabinet is classified as a Class II Biological Safety Cabinet, recommended for handling BSL level 1, 2 and 3 pathogens.

Main Applications

Cytological applications:
- Handling of fresh liquids.

Histological applications:
- Handling of biopsies.
- Handling of small parts that do not require a large work surface for preparation.

Biochemical applications:
- Handling of urine and blood samples.

Cell biology applications:
- Manipulation of cell cultures.

Applications in biobanks:
- Handling of biological material.

Identical features to the Bio ll Advance Plus

Maximum protection for the operator, product, and environment according to EN 12469 for Class II biological safety cabinets.

- Laminar flow
- Control panel for real-time monitoring
- Ergonomic and compact design
- Easy to use
- Green Line system with low emissions: EC fans and LED light
- Quick access for maintenance and HEPA filter change from the front of the cabinet
- With innovative ZEROCOAT, **new antimicrobial coating on the working surface**

Telstar Advance AP

Special Features

Working area (A)
Flat zone, for manipulation of samples.

Cleaning zone (B)
Sloped, to ensure that all liquids flow into the drain area and do not accumulate on the worksurface.

Waste port (C)
It allows easy waste disposal in safe conditions.

Drainage area (D)
All liquid residue is removed.

Exhaust filter for formaldehyde (E)
To avoid the escape of gases of vapor to the environment

Technical Specifications

Features	Unit	Advance AP
External dimensions (with table 900mm)	mm	1961x764x2219
Internal dimensions (with table 900mm)	mm	1869x602x580
Shipping dimensions	mm	2040x870x1640
Weight	kg	350kg
Laminar flow speed	m/s	0,35
Front air speed	m/s	0,50
Power	kW	0,338
Voltage (other available on request)	V	230
Frequency	Hz	50-60
Lighting	Lux	≥1000
Noise level	dBA	≤58
Filters		HEPA H14 according EN 1822
Air Quality		ISO 4 in accordance with ISO 146644-1

Accessories

- Support stand (770 or 900 mm)
- Electric height adjustable support stands
- Service tap kits (N2, air, gas, vacuum...)
- Canopy-type connection for ducting

Check for the nearest Telstar office at
https://www.telstar.com/international/

Headquarters
Av. Font i Sagué, 55
08227 Terrassa (Spain)

T +34 937 361 600
F +34 937 861 380

www.telstar.com
sales.laboratory@telstar.com

Life Science solutions

ISO 9001: Certified Company