

SM-49

Biological safety cabinet class II type A2



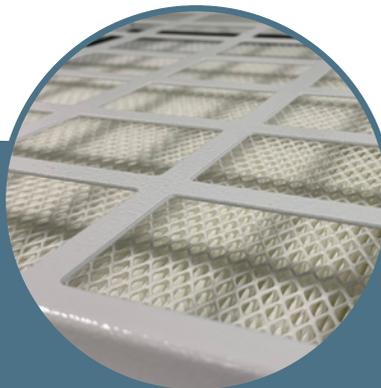
**Your
safety
is our
commitment**

A state-of-the-art BSC Class II

Using advanced HEPA filtration and controlled laminar airflow, our Class II BSCs provide a stable ISO Class 5 work area while ensuring the highest levels of contamination control.

High performance

- Internal design, air flow aerodynamics and monitoring, and built-in safety devices guarantee the highest performances at the most stringent safety levels, as specified by NSF49.
- Optimal flow during use thanks to **V-shape anti-obstruction front grill** with no need to use armrests.
- Working area is classified as ISO 14644-1 (Class 3) and US FED STD 209E (Class I)
- Maximum cleanability with full **stainless-steel working area**



Compliant NSF ANSI/49 and UL/CSA listed

International Standard / American National Standard for Biosafety Cabinets

BioAir offers Class II BSCs certified to EN 12469



Efficiency and Ergonomic design

- Downflow air is uniformly distributed across the work zone and passes through **high-efficiency HEPA filtration**
- **Frameless** sliding tempered glass window with counterweighted sash system and anti-racking mechanism
- **Window sash access opening** available in three front aperture heights (8", 10", 12") to assure optimum working conditions with high levels of protection
- **Energy saving design** with high-efficiency ECM motor/blower and dimmable LED lights
- **Eco mode** automatically reduces operational airflow speed, energy consumption and noise while maintaining work zone containment and sterility in non-working phase
- **Touch screen user interface** in high resolution for real-time monitoring of airflow system performance
- **Ergonomic design** with sloped front and back walls

**European design and quality
with USA/Canada-based support**

PRODUCT SPECIFICATIONS

Exterior dimensions (in)		4' Model	5' Model	6' Model
Height	with base electric stand	81.5 - 93		
	with adjustable stand	85.9 - 99		
	with stand with castors	89.3		
Height (interior)		28		
Width (external)		54	66	75
Width (internal)		47.1	59	71
Weight (lb)		518	705	837
Depth (external)		31.5		
Depth (internal)		26.5 (w/grid)		
Working height of front window (in)		Choice of 8 or 10 or 12		
Electrical data		115 VAC / 60 Hz		
Down Flow HEPA Filter Exhaust HEPA Filter		HEPA type K as per IEST-RP-CC001 ≥ 99.995% @ 0.2-0.3µm		
Touchscreen 4.3" color TFT LCD display		✓		
LED lighting with UV-C device		✓		
Two Duplex Outlet Back-wall GFI		✓		
Service Valves for Gas, Air, Vacuum (optional)		✓		
Exhaust Transitions - Thimble (optional)		✓		
Type 304 stainless steel interior sides, back and work surface		✓		

TECNILABO
TECNIPLAST GROUP

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