

ANTECH



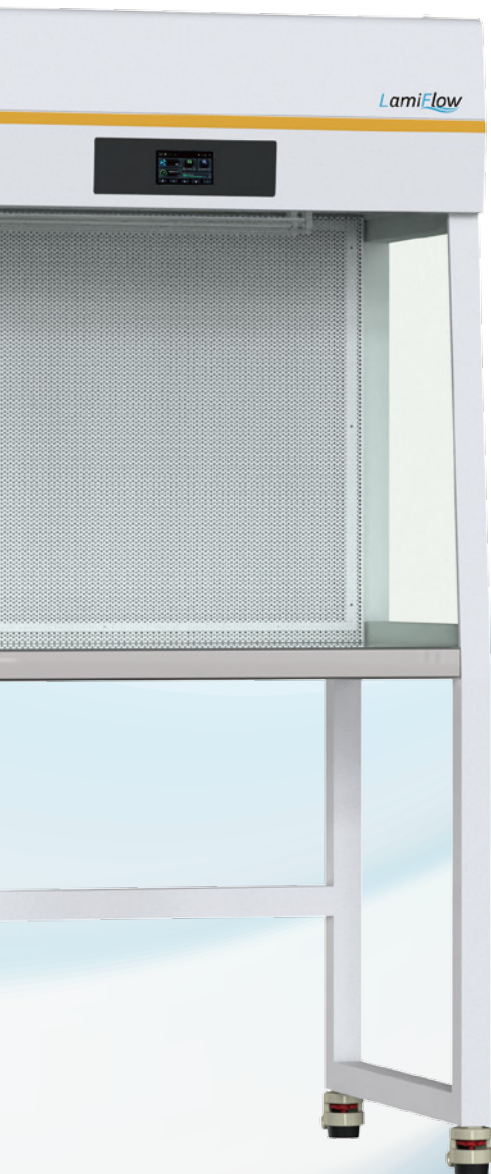
LamiFlow Series

Horizontal Laminar Flow Cabinet

A choice of safety,
intelligence and value for routine applications

LamiFlow

The LamiFlow series laminar flow cabinets offer safety, intelligence and value to users. The cabinet is energy efficient and provides excellent product protection from contamination.



Performance

- Advanced ECM blower, energy efficient and lower noise
- Constant Air Volume (CAV) and Constant Pressure Apheresis System (CPAS) technology for automatic airflow compensation
- H14 HEPA filter creates ISO Class 5 cleanliness workspace



Intelligent

- Touch screen displays real-time velocity, pressure, temperature, humidity
- Dual UV-timer & UV lamp working time display
- HEPA filter working time display & filter life indicator alert



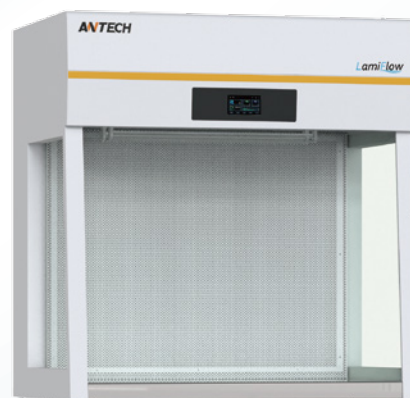
Ergonomic design

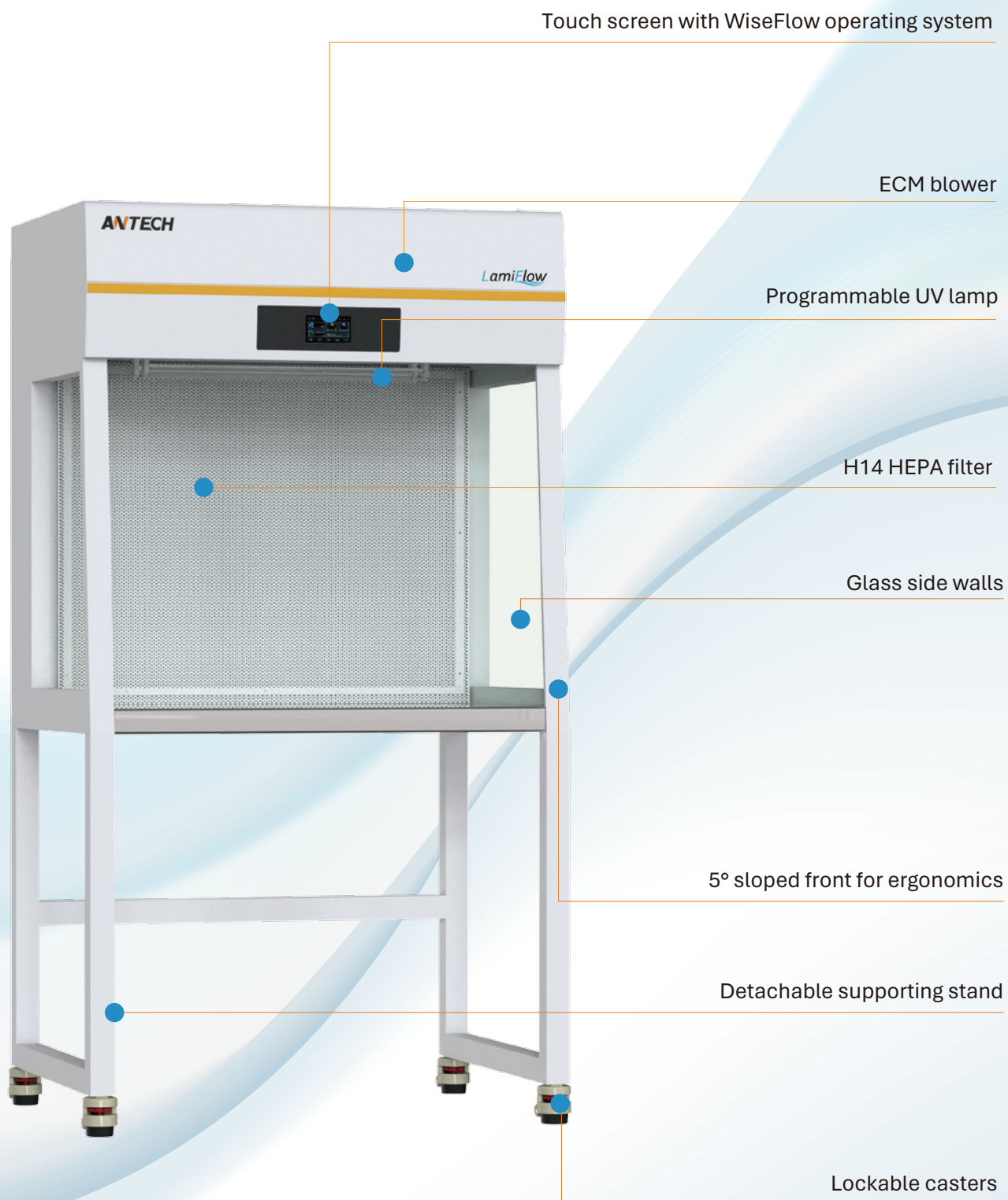
- Glass side walls creating all-round vision
- 5° sloped front for ergonomics
- SUS304 working tray for easy cleaning
- Lockable casters for convenient moving



Flexibility for lab space

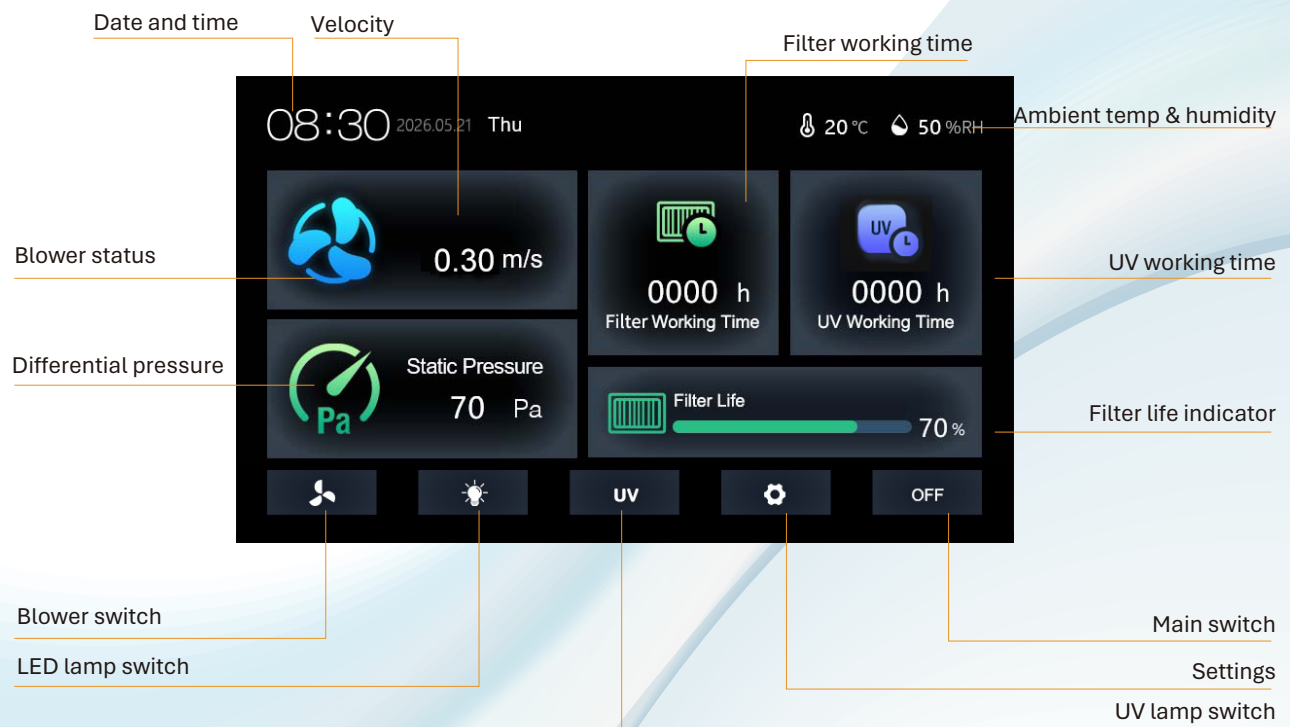
LamiFlow cabinet can be put on lab desktop, providing flexibility for lab space.





WiseFlow operating system

- Touch screen, real-time display of temperature, humidity, UV lamp & filter working hours
- Intelligent constant airflow control system
- Visible and audible alarm
- Timing function for unit and UV lamp
- Password protection prevents unauthorized access



Select optional accessories for your application

Accessory	Description	Cat. No.
User Convenience Equipment	IV bag holder kit with 10 hooks	3134300
Sidewall Utilities	Vacuum valve	3132200
	Water valve	3132300

Technical specifications

Model			LF-H3	LF-H4	LF-H5	LF-H6
Airflow	Airflow pattern		Horizontal	Horizontal	Horizontal	Horizontal
	Velocity		Adjustable from 0.25m/s-0.35m/s			
Dimensions & weight	Nominal size	feet/mm	3 feet	4 feet	5 feet	6 feet
	External with support stand (W x D x H)	mm	1100×750×1870	1400×750×1870	1700×750×1870	1900×750×1870
	External without support stand (W x D x H)	mm	1100×750×1065	1400×750×1065	1700×750×1065	1900×750×1065
	Internal (W x D x H)	mm	1000×520×720	1300×520×720	1600×520×720	1800×520×720
	Usable working area	m ²	0.52	0.68	0.83	0.94
	Net weight	kg	115	135	160	180
Control	Display & control		4.3" Touch Screen			
	Ambient temperature display		●	●	●	●
	Ambient humidity display		●	●	●	●
	UV lamp working time display		●	●	●	●
	Filter working time display		●	●	●	●
	Filter life indicator		●	●	●	●
	Smart constant airflow		●	●	●	●
	Cabinet ON/OFF timer		●	●	●	●
	UV timer		●	●	●	●
	Password protection		●	●	●	●
	RS485 port		●	●	●	●
Alarm	Alarm type		Visible and audible alarm			
	Velocity abnormal		●	●	●	●
	Filter life alert		●	●	●	●
Electric	Power supply		220V, 50Hz; 220V, 60Hz; 110V 60Hz			
	Rated power	W	120	230	230	330
	Rated current (W/O socket)	A	1	2	2	3
	LED lamp	W	12×1	14×1	14×1	18×1
	UV lamp	W	20×1	30×1	30×1	40×1
Cleanliness	Filter		H14, ≥99.995% @0.3μm			
	Pre-filter		Washable Pre-filter			
	Cleanliness grade		ISO class 5			
	Concentration of descending bacteria		≤ 0.5cfu/0.5h (φ90mm Petri dish)			
Light & Noise	Illumination	lx	800	700	700	700
	Noise *	dB(A)	58	61	63	65
Material	Blower		DC ECM blower			
	Working tray		1.5 mm thickness SUS 304			
	Side walls		6mm glass Anti-UV exporue			
	Main body		Spraying coated steel			
	Stand		Spraying coated steel, detachable			
	Casters, lockable		4	4	4	4
Shipping	Packing size, plywood case (W x D x H)	mm	1210 x 850 x 2060	1510 x 850 x 2060	1810 x 850 x 2060	2010 x 850 x 2060
	Gross weight, plywood case	kg	170	200	225	250

* Noise under velocity: 0.25 m/s

● Basic equipment ○ Optional



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