Laminar Flow Cabinet

Safe Working Environmental

LuxMed®
Healthcare Redefined

HORIZONTAL LAMINAR AIRFLOW LM-LAFH-200 SERIES

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LuxMed® Horizontal Laminar Airflow Cabinet LM-LAFH-200 Series are designed to provide a clean air environment for research operation which required complete anti-bacterial working area. The series involves constant positive pressure inside the cabinet which prevents intake of contaminated air.

Features

- Cold-rolled steel with anti-bacterial powder coating exterior and SS 304 interior for operations.
- Anti-ultraviolet radiation, toughened glass (≥5mm) side window.
- Motorized front window and UV timer available only for LM-LAFH-203 and LM-LAFH-204 Washable.
- Washable polyester fiber pre-filter with 85% efficiency at 5um large particles
- Microprocessor control system with LCD/LED display
- Direct drive high strength motor with impellers to deliver consistent airflow with lesser noise and vibration
- Wind speed can be adjusted

Application

LuxMed® Horizontal Laminar Airflow Cabinet is used in research and manufacturing to other fields such as aerospace, bioscience, pharmaceutical production and food processing, medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

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Specification

Model	LM-LAFH-201	LM-LAFH-202	LM-LAFH-203	LM-LAFH-204
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating			
HEPA filter	H14. 99.999% efficiency at 0.3um			
HEPA FilterEfficiency	99.99% efficiency at 0.3 μm			
Average Air Flow Velocity	0.3 m/s ~ 0.5m/s			
Air Cleanliness	Class 100			
Vibration Half Peak	=5um			
Illumination	=350lx			
Lamp	LED 12W×1	LED 16W×1	LED 12W×1	LED 16W×2
UV Lamp	18W×1	30W×1	30W×1	30W×1
Display	LED		LCD	
Control System	Microprocessor Control			
Work Surface Height	750 mm		750 mm	
Front Window	-		Motorized	
Noise Level	>60 dB(A)			
Max Opening	-	-	520 mm	
Caster	Universal Wheel with levelling feet			
Standard Accessory	LED Lamp, UV Lamp×2, Base Stand, Waterproof Socket×2, Hook ×10		LED Lamp, UV Lamp×2, Base Stand, Gas Tap, Waterproof Socket×2. Water tap for Model No LM-LAFH-204	
Optional Accessory	Fluorescent Lamp		Fluorescent Lamp	
HEPA Filter Dimension	980×500×69 mm	1380×500×69 mm	1200×500×69 mm	1700×500×69 mm
Inner Dimension (WxDxH)	980×500×600 mm	1380×500×600 mm	1200×500×570 mm	1700×500×570 mm
Overall Dimension (WxDxH)	1060×800×1690 mm	1460×800×1690 mm	1300×820×2040 mm	1800×820×2070 mm
Weight				
Power	200W	300W	400W	500W
Power Supply	220 V, 60Hz			

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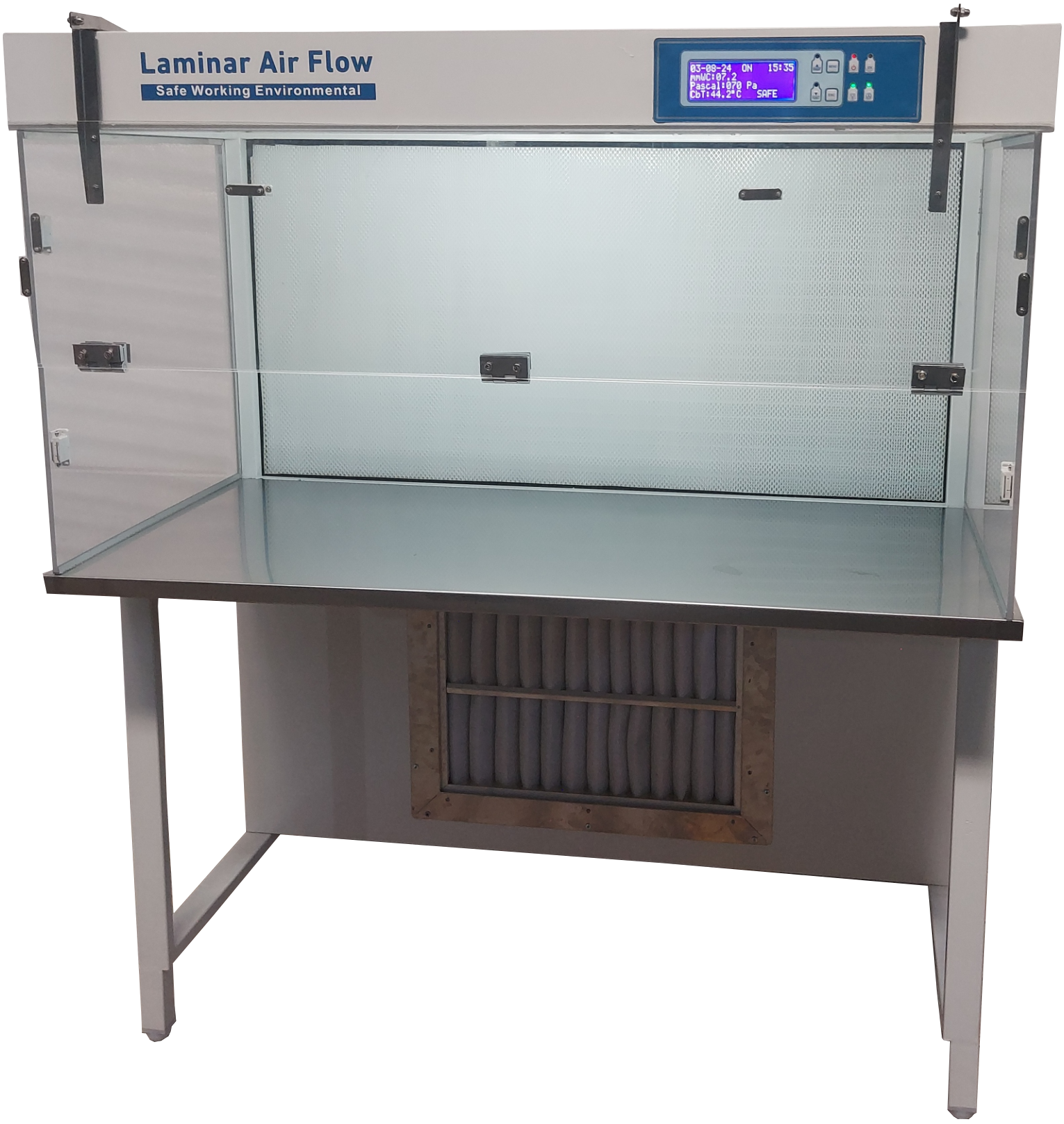

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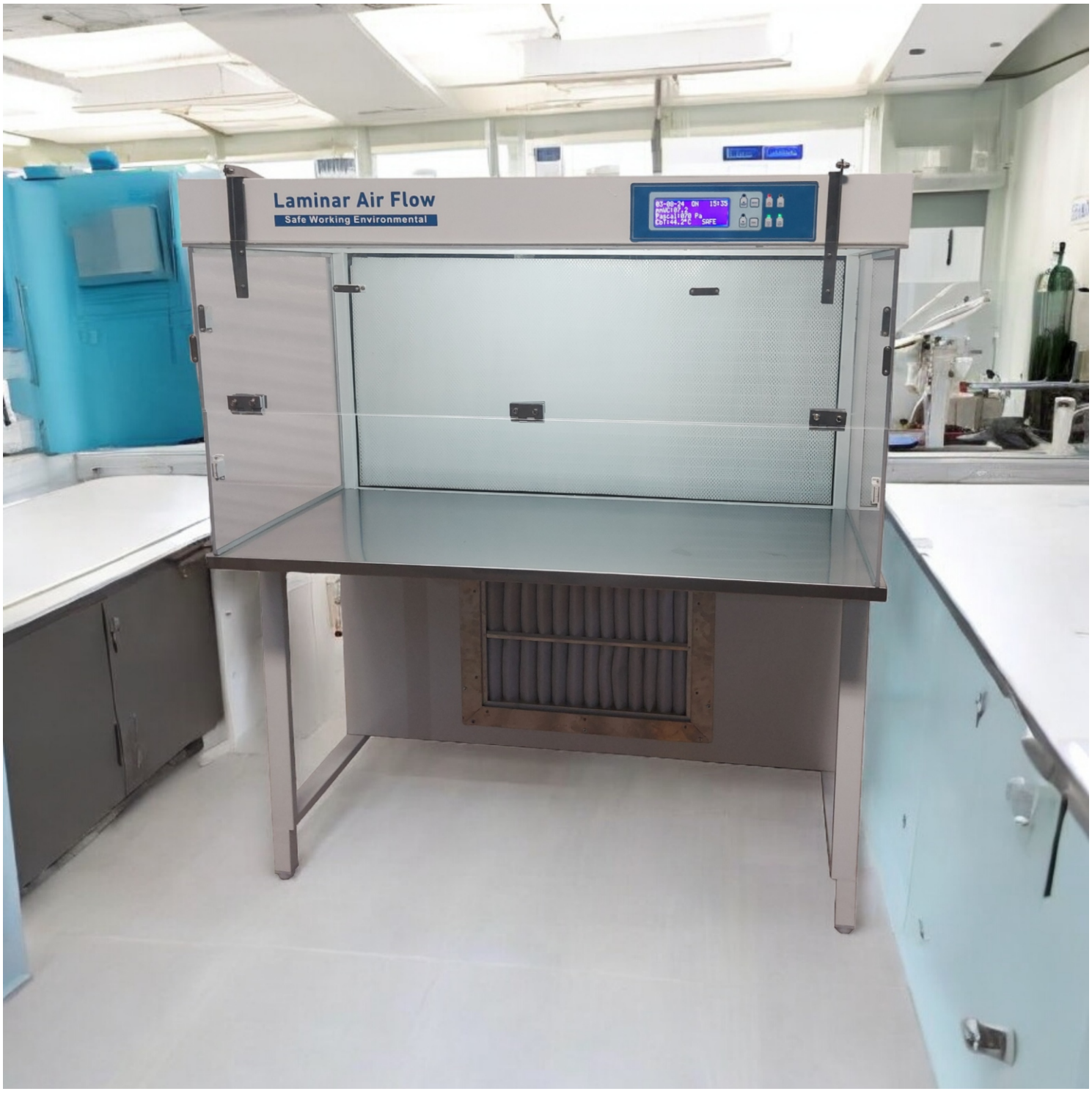

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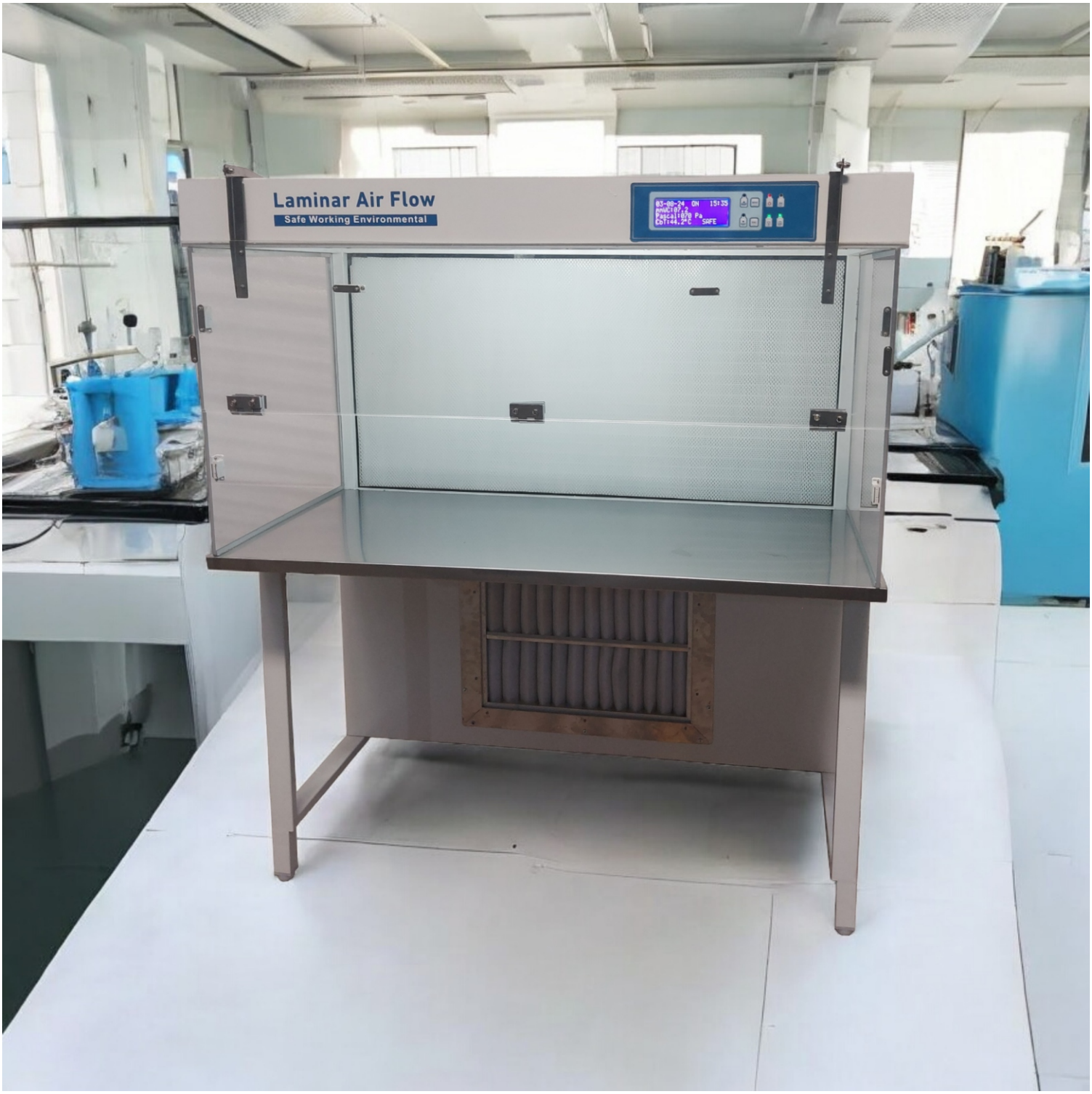

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