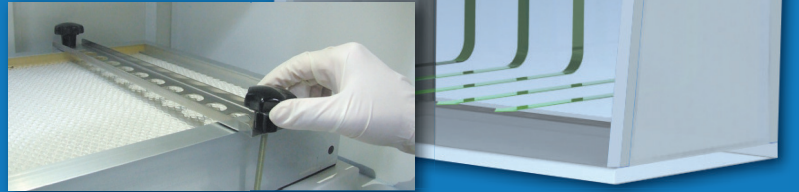# Clean bench

WLC-V

Class 100 HEPA filter & vertical air flow

The laminar flow clean bench provides reliable protection for samples and work processes against particulate contamination. The air from above the cabinet vertically goes through a pre-filter and a class 100 HEPA filter with an efficiency up to 99.97% & 0.3 micron size.

UV lamp

The built-in UV lamp contributes to a better sterilization.

The UV lamp automatically turns off when the front door is opened.

Door

Easy to open tempered glass sliding door ensures safe operation and protection against UV radiation.

Connections

Operation of different types of devices within the clean bench due to two built-in power connections.

Connection of two different gas types possible.

Controller

Intuitive touch-button controller.

8-step control of air-flow speed.

Timer function for UV lamp.

WLC-V with HEPA filter

WLC-V1200

Ideal for:
• protection of samples and work processes against dust and particulate contamination

Features:
• class 100 HEPA filter of efficiency up to 99.97% & 0.3 micron size (easy to exchange)
• mesh guard for HEPA filter protection
• vertical air flow-type
• optimized air flow system for uniform air flow/velocity
• 8 steps air velocity control
• UV and fluorescent lamp, external gas connection valve, internal electrical outlet
• silent and vibration-free blower (under 65 dB)
• corrosion resistant 304 stainless steel working table interior, powder-coated body and tempered safety glass sliding door for protection from UV radiation
• 99hr 59min Timer
• high-quality backlight LCD display
• CE certified and unique serial number for tracing

Safety mechanism:
• UV protection system: UV lamp is only activated when safety glass door is completely closed

Controller:
• microprocessor digital controller
• high performance touch input

Model	WLC-V1200	WLC-V1500	WLC-V1800
Air volume	1,350 m^2/h	1,700 m^2/h	2,020 m^2/h
Air flow velocity	8 steps, 0.3 - 0.6 m/s		
HEPA filter	Class 100 0.3 µm particle removal 99.97%		
Pre-filter	3-30 µm particle removal		
Lamp	1 x UV 20 W, 1 x FL 36 W	1 UV 30 W, 1 x FL 55 W	
Utility device	1 x air cock, 1 x gas cock, 2 x 230V outlet		
Internal dimensions (W x D x H)	1,200 x 660 x 610 mm	1,500 x 660 x 610 mm	1,800 x 660 x 610 mm
External dimensions (W x D x H)	1,280 x 735 x 1,895 mm	1,580 x 735 x 1,895 mm	1,880 x 735 x 1,895 mm
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WLCV1200	DH.WLCV1500	DH.WLCV1800
Order number 120V	DH.WLCV1201	DH.WLCV1501	DH.WLCV1801

Spare HEPA filter for clean bench WLC-V

For device	Order number
WLC-V1200	DH.MXCB.S003
WLC-V1500	DH.MXCB.S004
WLC-V1800	DH.MXCB.S005