



MEDICAL BIOLOGICAL SAFETY CABINETS BDL-4503

MEDICAL BIOLOGICAL SAFETY CABINETS BDL-4503

PP SPRAY FLOW CABINET

This style fume hood is a custom-made fume hood for perchloric acid. The alkaline water neutralization and circulation system behind the deflector of the fumehood is the primary neutralization system, and its function is to ensure that high concentrations of perchloric acid residues do not accumulate in the fume hood, thereby causing chemical reactions such as combustion, explosion or a lot of heat.



1. Made of PP material, integrally welded
 2. Resistant to strong acid, alkali and strong corrosion
 3. Solid core physical and chemical board, PP board, ceramic board and other countertop materials are optional
 4. The inside of the deflector is equipped with a spray system, which can neutralize the acid gas in the exhaust gas and then discharge it
 5. The control panel can control the lighting system, circuit system, and air volume adjustment system
 6. Circulating water dilution system includes acid and alkali resistant circulating pump, water tank, water inlet and outlet structure, and complete circulating water circuit.
- LED Display

SPECIFICATIONS

Model	BDL-4503
External Size (W*D*H)	1547*800*2450mm
Internal Size (W*D*H)	1287*500*700mm
Work Surface Height	820mm
Max. Opening	740mm
Material Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.
Material Work Table	Solid core physical and chemical board
Airflow Velocity	0.3~0.8m/s
Exhaust volume	920m ³ /h
Consumption	500W+370W(Pump)
Waterproof Socket	Two, total load≤500W
Noise	≤68dB(A)
Illumination	≥400lx
LED Lamp	30W
Blower	Built-in PP centrifugal blower(2 blowers for FH1800(P) only); Speed adjustable; 300W
Front Window	Resistant to acid and alkali, Manual, 5mm toughened glass, height adjustable.
Operators	2~3
Standard Accessory	LED light;Work table: Chemical resistant phenolic resin;4.3 meters PVC duct (2 pcs of 4.3 meters PVC duct for FH1800(P) only), Diameter: 250mm;Pipe strap*2 (4 pcs for FH1800(P) only);Base cabinet;PP centrifugal blower*1 (2 for FH1800(P) only)Waterproof socked*2
Optional Accessory	PP work table, epoxy resin board or ceramic board;UV lamp;Electric glass doorWater tap (PP);Gas tap (PP);Water Sink
Power Supply	220V, 50/60Hz(Standard); 110V, 60Hz(Optional)
Package Size (W*D*H) Main Body	1688*938*1612mm;
Package Size (W*D*H) Base Cabinet	1688*888*1000mm
Gross Weight	308kg
Alt Name	PP Spray Flow Cabinet

FEATURES

1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. Solid core physical and chemical board, PP board, ceramic board and other countertop materials are optional
4. The inside of the deflector is equipped with a spray system, which can neutralize the acid gas in the exhaust gas and then discharge it
5. The control panel can control the lighting system, circuit system, and air volume adjustment system
6. Circulating water dilution system includes acid and alkali resistant circulating pump, water tank, water inlet and outlet structure, and complete circulating water circuit.

LED Display



Waterproof socket



Circulating Pump



PP Sink (Optional), resistant to acid, alkali and anti-corrosion.



Water & Gas Remote, Control (Optional)





Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com