

## Central Dust Purifier

- Suitable for: welding fume, cutting fume dust, laser welding cutting fume, plasma cutting fume, polishing dust, drilling dust, mixing and cutting materials to produce



### Performance description

- Integral structure, beautiful appearance, small area
- Anti-suction device, make the effect of cleaning more thorough
- Power supply condition monitoring: alarm for broken phase overvoltage and undervoltage to prevent motor and electrical components from damage
- Pneumatic condition monitoring: alarm of low pressure of gas source to prevent incomplete ash cleaning, differential gauge to visually show the use status of filter element, automatic pulse back blowing of high pressure difference
- Operation temperature monitoring: alarm system temperature is too high to prevent fire

### Standard Configuration

- Filtration efficiency (> 99.9%) of main filter core (imported coated polyester fiber)
- Fault Phase Protection, Overload Protection, Air Pressure Monitoring and Temperature Monitoring Devices
- PLC Intelligent Control System
- Tricolor lamp
- Differential pressure gauge
- Observation window
- 75L Dust Collection Drawer \*2
- Left and rear three-sided air intake (φ400-200)
- 10m Power cord
- Spark trap (large particle dust pre-filter)

### Spare parts

- Frequency conversion system
- IO port (remote control)
- Explosion proof configuration
- Universal Flexible Arm (φ200)
- Suction duct (φ400)
- Ash bucket

### Recommended working condition

Welding workstation (3m×2.5m×4m) ×2  
Artificial Welding Station ×4  
Plasma cutting and laser cutting (3040)  
Continuous working condition with large workload

## technical parameter

MLWF500	
Power	5.5KW
Voltage	380V/50Hz
Air Volume	5000-7000m <sup>3</sup> /h
Accuracy	0.3μm
Filter Material	Imported flame retardant coated polyester fibers
Filter Area	99m <sup>2</sup>
Filter Size	φ325*660mm (9branches)
Cleaning	Pulse back blow
Noise	75dBA
Size	1470*1240*2350mm
Weight	800Kg



## Spare Parts List

MLWF500	
Name	Number
Main filter elementφ325*660mm	LX3266
Suction armφ160*2000mm	XQB1620
Suction armφ200*3000mm	XQB2030
Spiral duct	GD400
Suction hood mouth	ZK2015
Arc blind curtain	PL200