

## 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 fume dust.

### Performance description

- Integral structure, with universal wheel at the bottom, flexible movement and fixing
- 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
- Operating temperature monitoring: alarm system temperature is too high , preventing fire

### Recommended working condition

welding robot  
Special Machine for Ring and Straight Welding

### Standard configuration

- Filtration efficiency (>99.9%) of main filter core (covered polyester fiber)
- Fault phase protection, overload protection, air pressure monitoring and temperature monitoring devices
- PLC Pulse Controller
- Differential pressure gauge
- 20L Dust drawer
- 10m Power cord
- Universal Flexible Arm (φ160\*3000)
- Spark trap (large particle dust pre-filter)

### Spare Parts

- IO port (remote control)
- Explosion proof configuration



## Technical Parameter

MLWF290	
Power	2.2KW
Voltage	380V/50Hz
Air Volume	3000m³/h
Accuracy	0.3µm
Filter Material	Imported flame retardant coated polyester fibers
Filter Area	10m²
Cleaning	Rotor back blow
Noise	65dBA
Size	800*700*1600mm
Weight	165Kg

## Spare Parts List

MLWF290	
Name	Number
Main filter elementφ325*600mm	LX3260
Suction armφ160*2000mm	XQB1620
Suction armφ160*3000mm	XQB1630
Activated carbon filter	HXT120