



Applications



Vacuum suction of harmful PCB dust

A Printed Circuit Board (PCB) is a thin board made of fiberglass, composite epoxy, or other laminate material. Conductive pathways are etched or "printed" onto board, connecting different components on the PCB, such as transistors, resistors, and integrated circuits. PCBs are used in both desktop and laptop computers. PCB dust is toxic and can cause cancer. It is critical to remove the dust out of the product.

The Ruwac automatic PCB De-Duster connected to your PCB machine is the effective cleaning solution. The cleaning method is by blowing compressed air onto the board surface and at the same time vacuum the PCB dust with a RUWAC De-Duster.

Industries :

- OEM
- Electronics

RUWAC Vacuum Extractor Features



Housing

GRP (glass fibre reinforced polyester)modular housing -
Electrostatic conductive - Chemical abrasion and temperature resistant - Free from impact sparks

Filters

High performance long lasting Polyester Needle Felt pocket filter -
Additional Filter for sticky material available - HEPA Filter and Cleanroom Filter available

Dust Collection

35 l dust bin - Safe and dust free dust removal - Additional collection capacity can be added

ATEX Zones

Engines and electrical execution for ATEX Zones 21 , 22 , & 1 and 2 available

Certification

EN and ATEX conformity - Filterclass M or H certificate

Model Overview for this Application Package

DA 1300 2.6 m²

DS 1220 2.6 m²

DS 2410 4.5 m²



Atex Zone:	Zone 22	Zone 22	Zone 22
Operation Time :	Continuous	Continuous	Continuous
Airvolume :	285 cbm / h	270 cbm / h	440 cbm / h
Vacuum :	-210 mbar	-206 mbar	-213 mbar

Options

Pre-filter



Remote start / stop by PCB process machine



Machine Customizing



H-Filter modules for fine PCB dust application available.

Other Customizing

- Control system
- PTFE Coated Filter
- Automatic Filter Cleaning
- Differential Pressure Control
- Level Sensor

Other Options

- Dustbin Disposal Bag
- Temperature Control