

PCB Cleaning equipment NC25



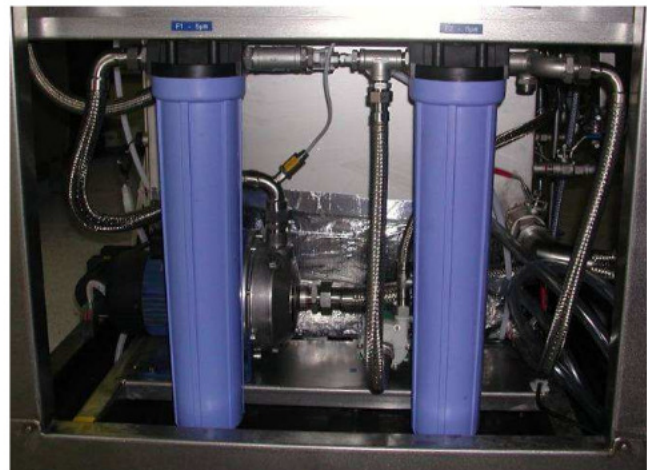
In order to meet your high quality PCB cleaning requirements after reflow or even on misprinted boards, The PCB Cleaner NC25 is an efficient and innovative solution.

Specially designed around a patented filtration system enhancing MPC® system (Micro Phase Cleaning), PCBs are first immersed in a washing tank where they undergo the combine action of a vertical shaking and a turbulent bubbly air flow that allows reaching a high efficiency level. Boards are then transferred in 2 stages of DI Water rinsing and are finally dried during a unique process combining forced convection and vacuum.

The use of an aqueous product (No flash point, low VOC content) that makes it possible to separate the residues, ensures a 100% closed loop cleaning process to meet today's economic and environmental demands. Nevertheless, this equipment has been qualified to use semi water based cleaner for specific applications.

efficiency, economy, environment: 3e

- 💧 **Specific spray under immersion cleaning process**
- 💧 **Ultrasonic in option**
- 💧 **Unique drying process with vacuum**
- 💧 **Lowest running cost**
- 💧 **100% close loop operation**
- 💧 **Construction on a containment tray**
- 💧 **Traceability system in option**



- Patented Filtration System -

Main Characteristics:

| GENERAL | |
|------------------------|----------------------------------|
| Dimensions (L x l x H) | 1600 x 1000 x 2000 mm |
| Empty weight | 700 kg |
| Power supply | 400V three phases+Neutre50Hz 16A |
| Compressed air supply | 6bars max, no oil, no moisture |

| CLEANING TANK | |
|---------------|---|
| Volume | 80 Liters |
| Pumps | 1 centrifugal stainless steel and 1 magnetic driven |
| Filters | 2 filters 20 inches 5µm |

| RINSING TANK 1 | |
|----------------|-------------------------------|
| Volume | 60 Liters |
| Pump | 1 centrifugal stainless steel |
| Filter | 1 filter 9"3/4 1µm |

| RINSING TANK 2 | |
|----------------|-------------------------------|
| Volume | 60 Liters |
| Pump | 1 centrifugal stainless steel |
| Filter | 1 filter 9"3/4 1µm |

| DRYING CHAMBER | |
|----------------|-----------------------------------|
| Maximum vacuum | -0,8 bars |
| Heaters | 5 x 400W stainless steel elements |

Simplicity and Flexibility:

- ♣ Fast locking board holders/racks
- ♣ Automatic transfer system
- ♣ Rack storage on loading/unloading conveyors
- ♣ Equipment and Process fully monitored
- ♣ No operator supervision

It protects your environment



- Automatic Transfer System -



- DI water regeneration unit in option -

Contact us for a demo:

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