

## N29AUTO Automatic Stencil Cleaning Equipment

In order to meet your daily SMT adhesive or solder paste stencil cleaning requirements, even for frameless stencils, the N29AUTO machine is an efficient and innovative solution.



Specially designed to provide high cleaning performance, the stencil is introduced into the loading cell of the equipment and automatically immersed in the upright position and submitted to the superior cleaning performance of perpendicular ultrasound and is perfectly cleaned in just a few minutes.

Following the cleaning cycle the stencil automatically rises, passing through an air knife. It is then dried into the loading cell.

The in-line filtration removes continuously the soil loading and keeps the cleaning medium at high quality levels.

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.

### Characteristics:

- Fully automatic ultrasonic Cleaning system,
- No contact with chemistry,
- Water based process in close loop,
- Rinsing with filtered cleaning liquid
- No water,
- Magnetic driven pumps to avoid leaking,
- Drying system included.

**"Plug and Clean"**

## Technical Data:

GENERAL	
Dimension (Length x Width x Height)	1100 x 700 x 2000 mm
Empty weight	250 kg
Voltage supply	400V three phases + neutral 50/60Hz 16A ± 5% plug

ULTRASONICS	
Ultrasonic area	550 x 450 mm
Power	1 kWA

CLEANING UNIT	
Volume	60 Liters
Pumps	2 magnetic driven
Filters	2 standards 20in 5µm filters
Time cycle	3 minutes solder paste ; 10 minutes glue

DRYING UNIT	
Crossflow fan maximum flow rate	2 x 17m <sup>3</sup> /h
Heating element	2 Stainless steel elements with 35°C max temperature
Time cycle	From 8 to 15 minutes

TOOLS	
Frameless Stencil adaptor	Standard sizes available, special sizes on request
Misprinted boards tool	Maximum area 500 x 500 mm
Squeegee and tools	Stainless steel basket 500 x 40 x 80 mm

### Efficient

- Effective cleaning of adhesive or solder paste stencils, misprinted boards and squeegee.
- Contains filtration avoids contamination build up
- Completely automated with PLC.
- Automated maintenance alarm.

### Economical

- Low cleaning process costs
- Evaporation of cleaner minimized by automatic cover.
- Product recycled permanently.
- Minimal maintenance requirements (standard filter cartridges)

It protects the environment

#### Authorized Distributor

#### Mectronics Marketing Services

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