

## N29ECO Stencil Cleaning Equipment

In order to meet your daily stencil cleaning requirements, even for frameless stencils or pump print plastic stencils, the N29ECO machine is an efficient and innovative solution.



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

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:

- ♦ Ultrasonic Cleaning system,
- ♦ Water based process in close loop,
- ♦ Rinsing with filtered cleaning liquid,
- ♦ No water, no air compressed,
- ♦ Magnetic driven pumps to avoid leaking,
- ♦ Drying system included.

**"Plug and Clean"**

Technical Data:

GENERAL	
Dimension (Length x Width x Height)	1100 x 690 x 980mm
Empty weight	160 kg
Voltage supply	230V single phase 50Hz 16A ± 5% plug

ULTRASONICS	
Ultrasonic area	550 x 450 mm
Power	1 kWA

CLEANING UNIT	
Volume	55 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	17m <sup>3</sup> /h
Heating element	Stainless steel element with 35°C max temperature
Time cycle	From 15 to 20 minutes

TOOLS	
Frameless Stencil adaptor	Standard size available, special size on request
Missprinted 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 (solder paste, adhesives, fluxes and soils). Completely
- automated with PLC.
- Automated maintenance alarm.
- Drying a stencil while the next is getting clean is possible ensuring high through put rates.

Economical

- Low cleaning process costs
- Evaporation cleaning agent losses minimized by cover design.
- Product recycled permanently.
- Low electrical consumption
- Minimal maintenance requirements (standard filter cartridges)

It protects the environment

**Authorized Distributor**  
**Mectronics Marketing Services**  
313, 2nd Floor, Patparganj Industrial Area,  
New Delhi - 110092 (India)  
Tel : +91 (011)-43041581 / 42208256  
E-Mail : [mectronics@mectronics.in](mailto:mectronics@mectronics.in)  
Web : [www.mectronics.in](http://www.mectronics.in)

Contact us for a demonstration  
MBtech  
106, chemin de la Gironde  
31470 Saint-Lys – France  
Tél : +33 5 61 91 71 85  
Fax : +33 5 61 91 33 60  
@ : [commercial@mb-tech.fr](mailto:commercial@mb-tech.fr)