



EVO MC

Maintenance cleaning in electronics production –
space-saving, safe and environmentally friendly

Proven toploader with excellent cleaning results

During the manufacturing process, many residues such as flux residues, gas condensate and soldering residues are produced. Therefore, maintenance and tool cleaning has an important influence on the safety of the process chain.

Only by regular cleaning of solder frames, solder carriers, condensate traps, filters, process interruptions or too high a reject rate can be avoided.



With the EVO MC Toploader series, workplace systems have been specially developed for industrial parts cleaning in production and maintenance.

As systems for spray cleaning with aqueous cleaning media, they are based on the proven basic concept of rotating cleaning media and a fixed nozzle tube system and provide excellent cleaning results. The wide range of models with numerous extras is characterised by simple operation and achieves top values in terms of heat output, load capacity and operational reliability.

Thanks to their stable, robust construction and all components in contact with the media made of stainless steel, they offer a cost-effective solution for individual parts and small series cleaning.

Facts

- Aqueous-based spray cleaning system
- Workstation with vertically rotating mesh basket
- Simple operation
- Space-saving
- Environmentally friendly
- Robust construction
- Reliable and durable
- Low procurement and operating costs

Equipment features

- Holder for 8 or 13 solder frames EVO MC 80 / 100
- Steam extraction
- Level control
- System insulation
- All components in contact with media are made of stainless steel
- Vertically rotating mesh basket
- Motor-driven cleaning basket
- High load capacity (max. 350 kg payload)
- Siemens Logo Control / Display Logo TD
- Highly efficient, powerful Grundfos pump IE3/IE4
- Dry run protection
- Tank cover

Options

- Fine filter in the pressure line, mounted after the washing pump
- Circulating air drying system with side channel compressor and air heater
- Additional rinsing stage on discard, with drain control

Technical data	EVO MC 80	EVO MC 100	EVO MC 120
Mesh basket round	800 mm	1.000 mm	1.200 mm
usable height	450 mm	500 mm	700 mm
Width	1,120 mm	1,320 mm	1,520 mm
Depth	920 mm	1,120 mm	1,320 mm
Hight closed	1,000 mm	1,200 mm	1,400 mm
Load capacity	200 kg	250 kg	350 kg
Tank capacity	135 l	300 l	430 l
Peak pressure at the nozzle	3.0 bar	3.5 bar	3.5 bar
Circulation capacity	4.8 m³/h	12 m³/h	12 m³/h
Pumpmotor	0.85 kW	2.2 kW	2.2 kW
Electric heating power	4.5 kW	6.0 kW	9.0 kW
Electrical connected load	6.0 kW	8.5 kW	11.5 kW
Maximum power consumption	10.0 A	14.5 A	20.5 A
Treatment temperature infinitely variable	0-85 °C	0-85 °C	0-85 °C
Tank heating time	approx. 1.5 hours	approx. 2 hours	approx. 2 hours



- since 1897 

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