

MC200 Maintenance Cleaning Equipment

In order to meet your daily maintenance cleaning requirements for solder carriers, coating carriers, oven flux condensers & filters, ESD boxes or other maintenance parts MC200 is an Efficient and Ergonomic solution.



MC200 is based on spray in air technology. Parts are placed into a stainless-steel basket, and submitted to the superior cleaning performance of high flow / low pressure sprayer form 3 Directions while basket rotates. They are perfectly cleaned in just a few minutes.

In option a spray in air rinsing step in open loop (closed loop soon available) can be done with tap or deionized water using a separate fluid circuit.

Finally, parts are dried with a high flow hot air-drying system. In option an air knife arm using compressed air can be used between all process steps to reduce drag out and fluid consumption.

The use of an aqueous product (no flash-point, low VOC content), ensures a 100% closed loop cleaning process to meet today's economic and environmental demands.

Characteristics:

- ◆ Ergonomic loading and unloading,
- ◆ High flow spray arm with nozzles on 3 directions to avoid shadow effect,
- ◆ Water based cleaning process in close loop,
- ◆ Rinsing in open or close loop,
- ◆ Superior hot air drying,
- ◆ Optional air knife between each step,
- ◆ Optional filtration to extend wash solution life time
- ◆ Full stainless-steel construction with containment tray.

"Plug and Clean"

Technical Data:

GENERAL	
Dimension (Length x Width x Height)	1900 x 1000 x 1250 mm (chamber closed)
Empty weight	300 kg
Power supply	400V; 3 phases 50/60Hz 16A ± 5% plug
Water supply (option)	5 bars max, tap or DI water
Compressed air supply (option)	6 bars, 200L/min max
Exhaust	170 m ³ /h, 80mm duct on top

CLEANING CELL	
Cleaning tank volume	120 Liters
Wash pump	1 Centrifugal pump high flow (200L/min approx. @ 1.6b)
Wash filters (option)	Particles filters (1x 200µm bags or 2x 5µm fine filtration)
Cleaning time	10 minutes average (steps adjustable from 1 to 60minutes)

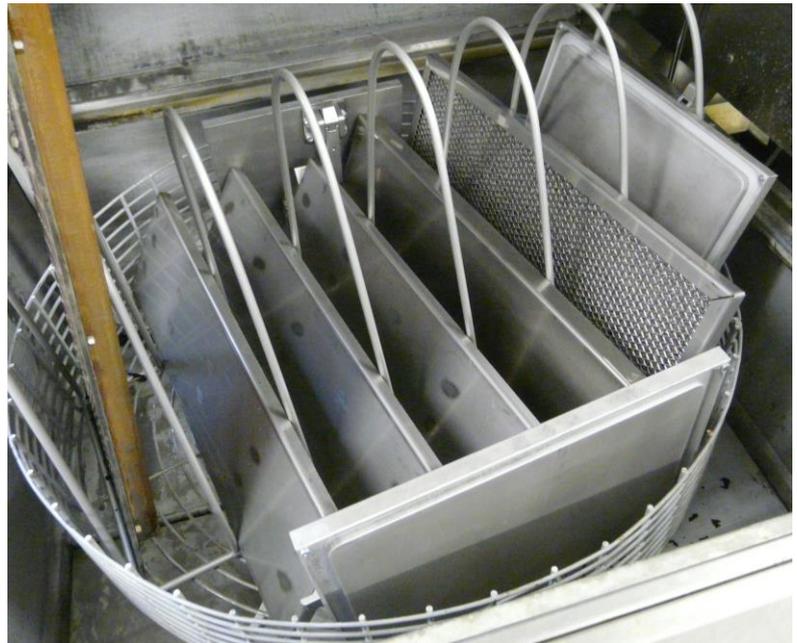
BASKET	
Size (diameter x height)	750mm x 600mm
Maximum load	300 Kg

Efficient

- ♦ Effective cleaning of flux, dust...
- ♦ Rinsing step in open or close loop.
- ♦ Optional compressed air knife.
- ♦ Separate spray arms.
- ♦ Hot air drying included.
- ♦ Easy bath control with ph meter.
- ♦ No contact with cleaning medium.
- ♦ No parts handling.

Economical

- ♦ Stainless steel robust construction.
- ♦ Low cleaning process costs.
- ♦ Evaporation cleaning agent losses minimized (close chamber).
- ♦ Small footprint.
- ♦ PLC control with Touch Screen Panel for optimized process setting.
- ♦ Minimal maintenance requirements.



It protects the environment

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