

Pyrolytic cleaning ovens



tecnocanto.pt



MC-PO550



MC-PO850



MC-PO900

PO standard models / size of cleaning compartment:

MC-PO550 – 530 x 420 x 300mm
(supports screens up to Ø430mm)

MC-PO850 – 790 x 720 x 620mm
(supports screens up to Ø730mm)

MC-PO900 – 830 x 820 x 700mm
(supports screens up to Ø830mm)

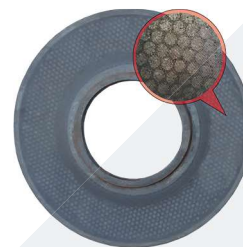
Our standard models include:

- ✓ Stainless steel construction.
- ✓ PLC controller + touch screen 7".
- ✓ Vacuum pump with water ring
- ✓ Condensation tank with water filter for improvement filtering and lower maintenance (as option).

Before



After



Pyrolytic cleaning ovens

Cleans plastics from metal parts

Tecnocanto pyrolytic cleaning ovens are design for removing plastic from metal parts, using a thermal cleaning under vacuum.

The pyrolysis process is carried out controlling the temperature along a preset time. The working temperature is between 350-450°C and the cleaning cycle time is from 2 to 6 hours, depending the type of polymer and contamination, their quantity and the total weight of the metal part. All these setpoints are controlled by a PLC and managed from a touchscreen easy user interface.

Since the cleaning process is made under vacuum, there is no fire or any burn of the plastics and contamination, eliminating the risk of chemical oxidation / corrosion of the metal part to be cleaned.



MC-PO5-F

High tech PO-F / size of cleaning compartment:

MC-PO5-F: 530 x 520 x 330mm
(supports screens up to Ø520mm)

MC-PO8-F: 790 x 820 x 630mm
(supports screens up to Ø820mm)

High tech model MC-PO5-F and MC-PO8-F adds:

- ✓ Integrated carbon activated filter, with new cartridge system for easy maintenance.
- ✓ Water reuse system – to reuse water from vacuum pump – saves 80% water consumption
- ✓ Condensation tank with water filter for improvement filtering and lower maintenance.
- ✓ Water pressure controller + flow switch to control the water inlet.
- ✓ Pressure gauge integrated at the touchscreen.
- ✓ PLC controller with remote assistance + touch screen 10"



**WE BUILD THE
FUTURE TOGETHER**

Zona Industrial da Barosa, Lote 7
Carreira d'Água - Barosa
2400-016 Leiria
Portugal

T +351 244 836 637

E tecnocanto@tecnocanto.pt

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