

ECON

PELLETIZING
IS IN OUR
DNA ...



✓ **WORLDWIDE TECHNOLOGICAL LEADER**

✓ **TRUSTED DEVELOPMENT PARTNER**



ISO 9001 certified

... BUT OUR CLEANING IS
WORTH
SEEING TOO

PYROLYSIS
CLEANING SYSTEM

www.econ.eu

ECON PYROLYSIS FURNACE, EPO

The **ECON** pyrolysis furnace was developed for environmentally friendly and gentle cleaning of extrusion and filter parts. Thermoplastics and mixed plastics are removed under vacuum without any cleaning agent at a variable working temperature. Sensitive parts are protected due to the precision setting of the temperature. Your advantage: fast, cost-effective and residue free cleaning for an extended lifetime.

- gentle removal of thermoplastic materials and mixed plastics
- extended lifetime of tools and filter parts
- environmental safety, TÜV-certificate
- easy handling and highest reliability
- low-maintenance, oil lubricated vacuum pump
- no process water necessary
- no emissions because of activated carbon filter



Video



ECON Pyrolysis Furnace
EPO 1200



Collecting and condensate tank



Charging tray



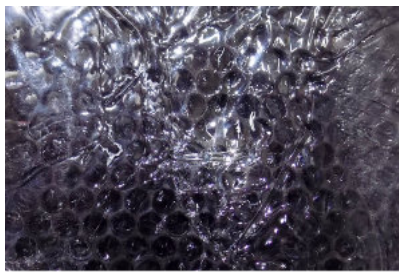
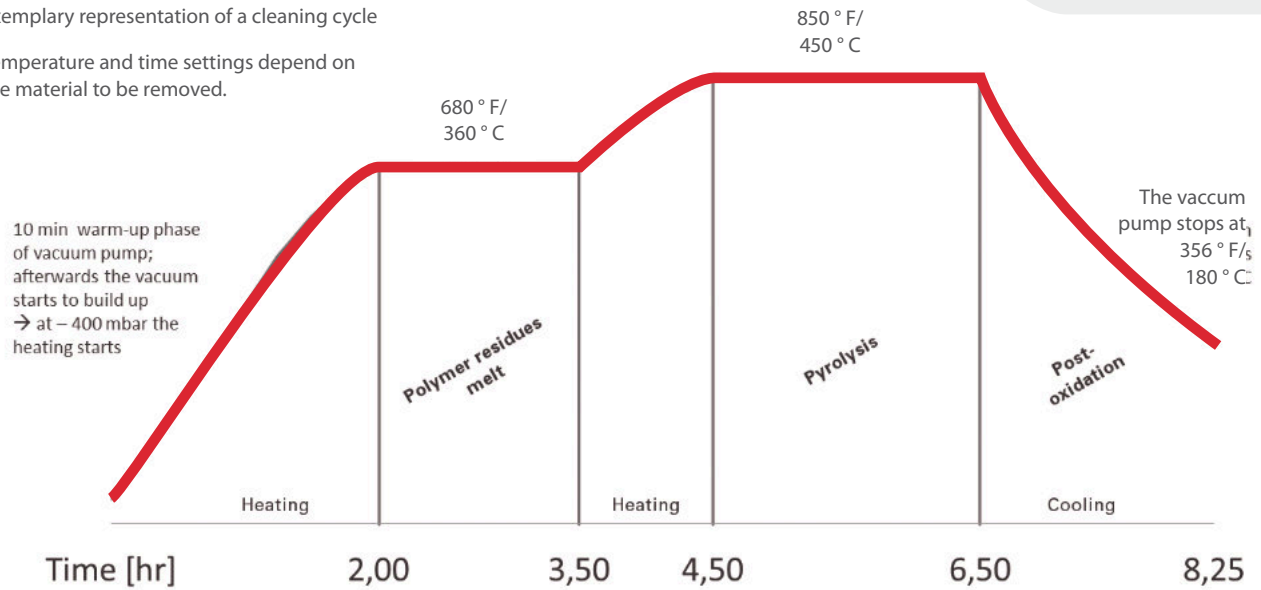
Touch-screen for operation

Pyrolysis Furnace	Charging Chamber Ø	Charging Height	Load Capacity	Suction Volume Flow (approx.)	Activated Carbon Absorber (approx.)	Max. Pyrolysis Temperature
EPO 100	Ø 210 x 260 mm	725 mm	100 kg	40m ³ /h	25kg (60 liter barrel)	450°C
EPO 300	Ø 280 x 580 mm	910 mm	300 kg	40m ³ /h	25kg (60 liter barrel)	450°C
EPO 600	Ø 360 x 680 mm	900 mm	550 kg	40m ³ /h	25kg (60 liter barrel)	450°C
EPO 1200	Ø 440 x 780 mm	1,100 mm	1,200 kg	40m ³ /h	60 kg (200 liter barrel)	450°C
EPO 1500	Ø 620 x 1,600 mm	1,100 mm	1,500 kg	63m ³ /h	60 kg (200 liter barrel)	450°C
EPO 1800	Ø 900 x 1,600 mm	1,100 mm	1,800 kg	180m ³ /h	80 kg (200 liter barrel)	450°C

Based on the standard types **ECON** offers special executions too, with shorter or longer charging chamber.

Exemplary representation of a cleaning cycle

Temperature and time settings depend on the material to be removed.



before



after

ECON PYROLYSIS FURNACE FOR SCREWS, EPOS

The EPOS has been developed for an environmentally friendly cleaning of extruder screws. The charging chamber has a small diameter, adapted to the size of screws. Thus, the EPOS is a very compact and hands-on version of a pyrolysis furnace.

- fast, cost saving and residue-free cleaning
- low space requirement
- stand-alone product – only electrical connection needed
- resource-saving – no process water necessary
- extended lifetime of extrusion parts and tools due to gentle removal of thermoplastics



before



after

Pyrolysis Furnace	Charging Chamber Ø
EPOS 2000	Ø 240 x 2000 mm (9.45" x 78.74")
EPOS 3500	Ø 240 x 3500 mm (9.45" x 137.80")
EPOS 5000	Ø 240 x 5000 mm (9.45" x 196.85")

Based on the standard types **ECON** offers special executions too, with shorter or longer charging chamber.



ECON Pyrolysis Furnace EPOS for Screws



FOR ALL THERMOPLASTICS AND SPECIAL APPLICATIONS



PATENTED THERMAL INSULATION TECHNOLOGY



EASY AND SAFE OPERATION



ENERGY-EFFICIENT SOLUTIONS



TAILOR-MADE SOLUTIONS



TRAINING OF YOUR STAFF



PREMIUM SERVICE

- **service quality** for your success
- **flexible service solutions** - for your individual requirements



QUALITY PROOFED ORIGINAL SPARE PARTS

- ECON certified
- locally stocked
- **96% in stock**



PROFESSIONAL REMOTE MAINTENANCE



PREVENTIVE MAINTENANCE

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Downloads



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