

Mini Clean-Vacuum Oven

System Available in
any Small / Big Size

Specially designed to remove
very safely & efficiently all types
of polymers / thermoplastic & compounds
from any extrusion tooling / hardware

Advantages:

- Can remove almost all Polymeric materials
- Ensures operator safety & fast cleaning cycle
- Safe & delicate cleaning extends component life
- Energy efficient, user friendly & maintenance free operation

Environmental Consideration

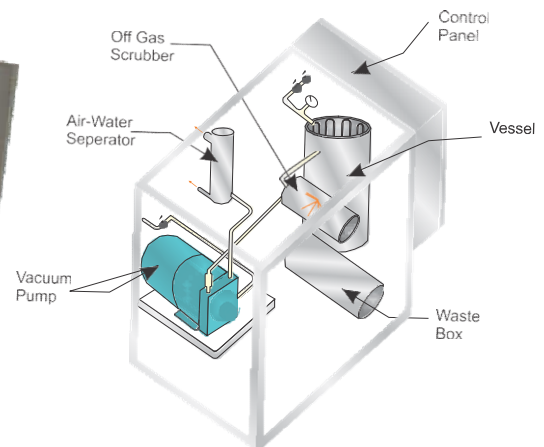
The Mini Clean Vacuum Oven uses no media & operations in a minimal oxygen environment eliminating possibility of any combustion. As environmental emissions are extremely low most applications does not require any additional pollution control equipment.

Process uses heat & vacuum to effect vaporization. In most cases, complete thermoplastic removal is accomplished within 2 to 3 hours at an operating temperature range between 420°C to 480°C & a vacuum of 600 mm Hg (mercury). The unit is stand alone type & can be easily installed any place where utilizes like water supply, drain line & electrical power are nearby.

Programmed Operation: After placing the hardware into the chamber, press the Start button to initiate the cleaning cycle. At the cycle end the chamber gets depressurized, the solenoid for water supply & the vacuum pump will be switched off. Remove the cleaned parts, check & clean the chambers if necessary. The unit is ready for next cycle.

Safety: As the entire cleaning cycle is under vacuum it eliminates combustion. This ensures both operator & the parts safety from either excessive or localized high temperatures, getting relief from annealing & stress cracking.

Supply Scope: Vessel, well insulated – Hinged lid with high temperature seal – heating elements with thermocouple – Basket for small parts – Waste collection chamber to collect melted resins with removable tray – Water Ring Vacuum Pump – Water Scrubber in the vacuum line to collect condensable vaporous – Water / Vapour separator in exhaust line, yo drain water & release out vapours – Control panel with temperature controller. Necessary electricals, Instrumentation & Hardware items for process regulation including vacuum gauge.



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