

Pollution Control Products 240 Volt Pyrolysis Oven / Cleaning Furnace



Stock No	OF2667
Manufacturer	Pollution Control Products
Model	PTR52
Serial	H799
Condition	From a working environment
Internal Size (WxDxH mm)	1060 x 1100 x 1100mm
Max Temp	600-900°C
Other Info	Fuel = Natural Gas 325, 000 BTU
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	1600 x 2050 x 1470mm

Description

This is a second hand Pollution Control, pyrolysis gas fired cleaning industrial furnace that is designed to remove cured organic coating such as hydrocarbon coatings from metal parts (jigs, fixtures, hanging trees, hangers, or component parts etc).

Scope of use:

- Burn-Off Ovens are a specialised type of process equipment specifically designed to remove organic material from metal parts.
- These ovens operate at temperatures of 600 to 900°F (315 to 482°C) inside the primary cleaning chamber.



- The primary heat input burner fires into a combustion chamber, which contains the flame so that only heat is discharged into the work area containing the parts so no flame actually contacts the parts.
- Other than the air required for combustion of the input burner fuel, no additional air is added to the oven. Therefore, the oxygen content within the oven is reduced to a level which prevents the material from catching fire.
- The heat causes the material to decompose into smoke and pyrolysis gases. These gases are then drawn through the afterburner to be burnt off and completely eliminate any harmful emissions from being discharged out of the exhaust stack. The gases are discharged safely to atmosphere, which consists primarily of water vapour and carbon dioxide, which are invisible, odourless and harmless.

Technical specifications:

- Manufacturer = Pollution Control Products.
- Afterburner input 58 kW Primary burner input 58 kW, Nat Gas 18mbar input 10m³/hr. (TBC)
- Controls include: digital furnace temperature & set point, digital stack temperature & set point, Over temperature water spray system with timer, plus process cycle timer.
- Internal Size = 1060 x 1100 x 1100mm
- External Size = 1600 x 2050 x 1400mm (Plus chimney)
- Model = PTR52

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.