

Affordable Plasma System

The PE-50 XL is a feature packed, low cost, entry level option for plasma treatment. It's a robust machine that is perfect for small production facilities, research labs, universities, medical facilities, or any industry which needs a small scale, cost effective plasma processing solution. The PE-50 XL has all the features of the PE-50 but also features a larger chamber size for larger processing applications. This unit excels at plasma cleaning and surface modification.



STANDARD FEATURES

Electrode Configuration	One Horizontal (7"W x 8"D + 2.5" Clearance)
Generator	400W 50KHz Continuously Variable Power Supply; High Frequency Upgrade Available
Gas Control	Two 0-25cc/min Rotometers with Precision Needle Valves
Control System	PLC-Based Keypad Input System with Alphanumeric Display; Stores One Recipe
Vacuum Gauge	1-2000 mT
Vacuum Pump	5CFM 2-Stage Direct Drive Oil Pump (Oxygen Service – Krytox Charged)
Chamber	7.5"W x 8.75"D x 3.5"H; 6061-T6 Aluminum
Unit Dimensions	14" x 14.5" x 18"
Unit Weight	55lbs; 90lbs with Vacuum Pump

FACILITY REQUIREMENTS

Electrical	120VAC / 60Hz @ 15A or 220VAC / 50Hz @ 14A
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OPTIONAL FEATURES

- MHz Power Supplies with Automatic Matching Network
- Digital Mass Flow Controllers
- PC-Based Control System
- Light Tower
- Dry Vacuum Pump
- Additional Gas Inputs/Rotometers