

## Affordable Plasma System

The PE-75 is our largest entry level option for plasma treatment. It's a feature packed, low cost, and robust machine that is perfect for production facilities, research labs, universities, medical facilities, or any industry which needs a small scale, cost effective plasma processing solution. The PE-75 has all the features of the PE-50 XL 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 (9"W x 10"D + 5.5" 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                 | 10.75" Deep x 10" Round; 6061-T6 Aluminum                                       |
| Unit Dimensions         | 18" x 19" x 24"   |
| Unit Weight             | 90lbs; 125lbs 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