



PDC-001 (115V)
PDC-002 (230V)

Our Expanded Plasma Cleaner is a larger tabletop plasma instrument with 4x the capacity of the Basic Plasma Cleaner, extensively used for nanoscale surface cleaning and surface activation.

FEATURES

- Compact, tabletop unit
- Adjustable RF power settings (Low, Medium, High)
- Maximum RF power of 30W
- Includes 6" diameter x 6.5" length Pyrex chamber
- Hinged door with viewing window
- Active fan cooling
- Integral switch for a vacuum pump (not available in CE model)
- 1/8" NPT metering valve to qualitatively control gas flow and chamber pressure
- 1/8" NPT 3-way valve to quickly switch from introducing gas, venting and isolating the chamber
- Weight: 37 lbs | Size: 11" H x 18" W x 9" D

REQUIREMENTS

- Gas-compatible vacuum pump with minimum pump speed of 23 L/min and ultimate total pressure of 200 mTorr or less
- Compatible vacuum pumps available
 - For pumping nonreactive gases (air, N₂, Ar), see our Oil-Based Vacuum Pumps
 - For pumping concentrated or pure oxygen gas, see our Oxygen Service Pumps

OPTIONAL ACCESSORIES

- PlasmaFlo Gas Flow Mixer for quantitative control of up to two (2) process gases and monitoring of chamber pressure
- Quartz chamber for reactive gas applications and contamination-sensitive applications
- Sample tray to facilitate loading and unloading of small samples for batch processing