HARRICK PLASMA

BASIC PLASMA CLEANER

PDC-32G (115V)
PDC-32G-2 (230V)

Our Basic Plasma Cleaner is a compact, inexpensive tabletop plasma instrument with a redesigned hinged door and viewing window, active fan cooling and improved metering valve, suitable for nanoscale surface cleaning and activation of small samples.

FEATURES

- Compact, tabletop unit
- Adjustable RF power settings (Low, Medium, High)
- Maximum RF power of 18W
- Includes 3" diameter x 6.5" length Pyrex chamber
- Hinged door with viewing window
- Active fan cooling
- Integral switch for a vacuum pump (115V model only)
- 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: 13 lbs | Size: 8.5" H x 10" W x 8" 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, N_2, 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

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