

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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HARRICK PLASMA

EXPANDED PLASMA CLEANER



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, 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

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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