

SPI Plasma Prep III™ Plasma Cleaner



Tabletop plasma cleaner designed for the removal of contamination on TEM specimen holders and their samples.
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SPI Supplies Plasma Prep III™ Plasma Cleaner Module

Based on the highly successful Plasma Prep III, the Plasma Prep III Plasma Cleaner is designed to run at a lower power (1–10 watts) in order to clean TEM specimen holders. By combining the low power with the use of argon gas, surface contamination can be removed from TEM specimen holders (and specimens as well), without etching the actual sample or sample holder assembly.

Typical Applications:

- Electron microscopy sample preparation
- TEM sample holder cleaning

System Specifications:

- 13.56 MHz RF plasma
- Barrel design reaction chamber
- Adjustable power, from 1 to 100 watts
- Integrated vacuum gauge
- Size: 12" W × 15" D × 10.5" H (31 cm W × 38 cm D × 27 cm H)
- Chamber size: 4" diameter × 6" deep
- CE Certified and RoHS Compliant

System Includes:

- Plasma Prep III Plasma Cleaner
- TEM specimen holder adapter
- Pyrex chamber
- Vacuum hose (NW 16)
- Power cord

Site Requirements:

- Process gas: 5 psig
- Vacuum pump
- Electrical Power: 100 V to 240 V, 50/60 Hz



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