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PVA TePla PS80 Plus Microwave Plasma Cleaner (JAD-37259)

Make:	PVA
Model:	TePla PS80 Plus
Vintage:	2017
Quantity:	1
Inspection:	Yes (Remote Video)

Configuration:

Main Specs:

- RF Generator
 - Regulated RF Electrode
 - Frequency: 13,56 MHZ
 - Power Output: 0-600 Watts
 - Fault Monitoring: Overload Protection
- Control Unit Displays:
 - Process Time
 - HF output
 - Process pressure
 - Gas Flow
 - Sensor Indicators
- Hardware
 - Centronics printer interface
 - PC keyboard with Trackball
 - RS 232
- Software
 - Unlimited recipes can be programmed and afterwards automatically processed and put into memory storage.
 - A manual operating mode is available for test purposes.
 - Superposing of information or fault message windows

Physical Specs:

- Process Chamber
 - Material: Aluminum
 - Upper Chamber Half: Aluminum, quartz inspection window with UV and high-frequency radiation protection.
 - Inside Dimensions:
 - W – 390mm
 - H – 70mm
 - D – 430mm
 - Volume – 12 lit.
 - Fault Monitoring: Overload Protection
- Vacuum System
 - Process pressure: Approx 0.05 – 3 mbar
 - Gas and vacuum piping: High-grade steel, ¼ Swagelok connections as well as aluminium KF components
 - Gas Supply: 2 – 4 separate gas ducts (2 optional, metering by means of mass-flow controller)
 - Venting: By means of solenoid valve and series throttle valve
- Vacuum
 - Ultimate pressure attainable: Approx. 0.01 mbar
 - Evacuation time down to 0.5 mbar: Approx 10 Seconds
 - Vacuum Measurement:
 - Capacitive pressure gauge
 - Measuring range from .01 to 10 mbar
 - The suction system is located in the bottom of the chamber.