

## LOW COST AUTOMATED PLASMA CLEANER

# PE-25

18"

14'



WITH AN INCREDIBLY LOW STARTING PRICE, THE PLASMA ETCH, INC. PE-25-JW IS A HIGH QUALITY PLASMA CLEANER THAT PRODUCES CONSISTENT, REPEATABLE RESULTS.

THIS USER-FRIENDLY SYSTEM HAS AUTOMATIC PROCESS SEQUENCING CAPABILITIES, AND ALL TIMED EVENTS (PUMPDOWN, PLASMA, GAS STABILIZATION AND VENT) CAN BE EASILY PROGRAMMED INTO THE AUTOMATIC SEQUENCE. THE PLC KEYPAD IS USED FOR OPERATOR ENTRY, AND ONE COMPLETE PROCESS RECIPE CAN BE STORED IN MEMORY.

AS IN ALL PLASMA ETCH SYSTEMS, DIRECT RF CONTACT (CAPACITIVE PARALLEL PLATE) IS USED FOR UNIFORM PLASMA GENERATION. THIS UNIT HAS A 150W 50KHz RF POWER SUPPLY WITH CONTINUOUSLY VARIABLE POWER CAPABILITY. THE SYSTEM COMES WITH A 3.5" X 7" HORIZONTAL "DIRECT CONTACT" RF POWERED ELECTRODE WITH 2.5" OF CHAMBER HEIGHT CLEARANCE. EQUIPPED WITH PLC CONTROL, THIS SYSTEM COMES WITH A SINGLE GAS CHANNEL AND HAS THE OPTION OF A SECOND CHANNEL. IT IS FULLY AUTOMATED WITH AN ALUMINUM CHAMBER.

THE PE-25-JW IS OUR LOWEST PRICED PLASMA CLEANER, MADE FOR SMALLER PRODUCTION FACILITIES, RESEARCH AND DEVELOPMENT LABS, TESTING FACILITIES, UNIVERSITIES, AND IS GREAT FOR PLASMA STERILIZATION AND SURFACE MODIFICATION.

**PLASMA ETCH**  
PROGRESS THROUGH INNOVATION

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## STANDARD SYSTEM FEATURES

WELDED ALUMINUM VACUUM CHAMBER, 5" X 8" DEEP  
SINGLE 3.5" X 7" HORIZONTAL ELECTRODE  
150 WATTS @ 50 KHZ R.F. GENERATOR; OPTIONAL 400 WATT POWER SUPPLY.  
PRECISION NEEDLE VALVE FLOW CONTROL 0-25 CC/MIN  
THERMOCOUPLE VACUUM GAUGE, 0-1 TORR  
AUTOMATED PLC MICROPROCESSOR

## OPTIONAL SYSTEM FEATURES

2ND ROTOMETER, 2ND GAS CONTROL, 0-25CC/MIN W/PRECISION NEEDLE VALVE  
5 CFM 2-STAGE DIRECT DRIVE OIL VACUUM PUMP, OXYGEN SERVICE (KRYOX CHARGED)

## SYSTEM ELECTRICAL & MECHANICAL

CONSOLE DIMENSIONS: 14"W X 14.5"D X 18"H  
SHIPPING WEIGHT APPROXIMATELY 52LBS  
ELECTRICAL; 120VAC, 15A

CONTACT US TODAY  
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