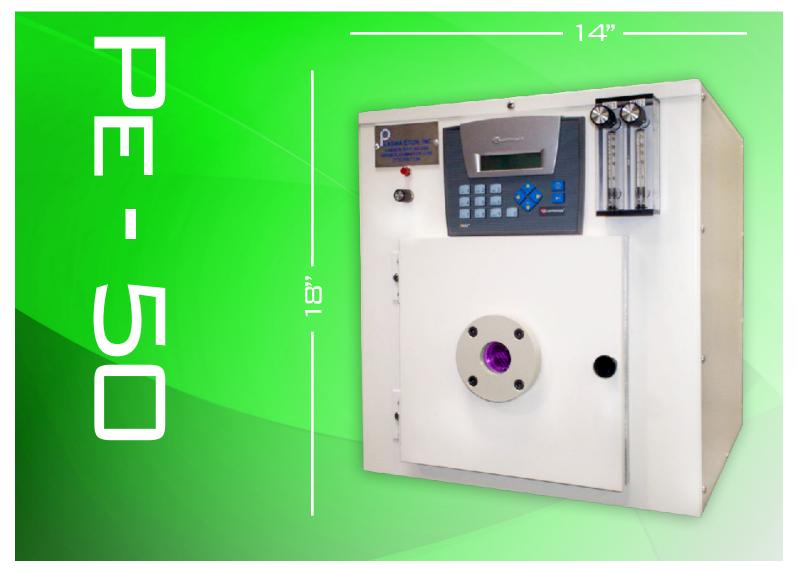


AFFORDABLE BENCHTOP PLASMA SYSTEM



THE PLASMA ETCH, INC. PE-50 IS OUR ENTRY LEVEL PLASMA SYSTEM AND OFFERS MANY FEATURES NOT FOUND IN COMPETITIVE UNITS.

THIS SYSTEM IS MADE FOR SMALLER PRODUCTION FACILITIES, R&D FACILITIES AND UNIVERSITIES. THE SYSTEM FEATURES AN IMPLOSION PROOF 6" W X 7" D X 4" H RECTANGULAR WELDED ALUMINUM VACUUM CHAMBER AND A DIRECT POWERED RF ELECTRODE.

AS IN ALL PLASMA ETCH SYSTEMS A
CAPACITIVE PARALLEL PLATE DESIGN
IS USED FOR THE MOST EFFECTIVE

PLASMA GENERATION. COMPETITIVE
UNITS WITH GLASS/QUARTZ BARREL
CHAMBERS CANNOT PENETRATE THE
VACUUM CONTAINMENT VESSEL AND
THEREFORE ARE RESTRICTED TO
INDUCTIVE COUPLING USING AN RF
COIL WRAPPED AROUND THE EXTERIOR
OF THE CHAMBER.

THE PE-50 HAS A FEW OPTIONAL SYSTEM FEATURES INCLUDING A MASS FLOW METER, A LIGHT BAR, OR A 100W @ 13.56MHz RF GENERATOR AND AUTOMATIC MATHCING NETWORK.

THE PE-50 IS COMPRISED OF COMPONENTS MADE IN THE USA

AND IS BUILT IN AND SUPPORTED FROM OUR CARSON CITY, NV HEADQUARTERS WITH SOME OF THE BEST CUSTOMER SERVICE AVAILABLE IN THE INDUSTRY.

PLASMA ETCH

3522 ARROWHEAD DRIVE CARSON CITY, NV 89706 775.883.1336 WWW.PLASMAETCH.COM SALES@PLASMAETCH.COM





STANDARD SYSTEM FEATURES

WELDED ALUMINUM VACUUM CHAMBER, 6" W x 7" D 4" H
SINGLE 4.5" x 6" HORIZONTAL ELECTRODE
150 WATTS @ 50 KHz R.F. GENERATOR; OPTIONAL 400 WATT POWER SUPPLY.
PRECISION NEEDLE VALVE FLOW CONTROL 0-25 CC/MIN
PIRANI VACUUM GAUGE 0-1 TORR
5 CFM Oxygen Service VACUUM PUMP
SINGLE PROCESS SEQUENCE

OPTIONAL SYSTEM FEATURES

100W @ 13.56MHz RF GENERATOR AND AUTOMATIC MATCHING NETWORK

SYSTEM ELECTRICAL & MECHANICAL

AC SERVICE, 120VAC 60 Hz @ 15 A OR 220 VAC 50 Hz @ 14A CONSOLE SHIPPING WEIGHT 55LBS

VACUUM PUMP SHIPPING WEIGHT 35LBS

CONSOLE DIMENSIONS 14 " X 14.5" X 18"

PUMP FOOTPRINT 7" x 16" (SITS ON THE LH SIDE OF THE CONSOLE)

CONTACT US TODAY

FOR A QUOTE ON YOUR CUSTOM

PLASMA MACHINE

775.883.1336

WWW.PLASMAETCH.COM

3522 ARROWHEAD DRIVE CARSON CITY NV. 89706

