Applications: Aerospace, Bio-Medical and Electronics

Plasma treatment cleans parts to increase surface energy, which produces higher bond strengths, fewer adherence voids and better continuity.

Plasma can be used on a variety of materials: biomaterials, ceramics, composites, metals, plastics and polymers.

Anatech USA’s line of plasma systems offer either dedicated single function or come in a PLC controlled “Touch-Panel” model with 10 or more recipes on board.
30” Aluminum Reactor Plasma System

Control System:
Siemens S7 Programmable Logic Controller

LCD Display:
“Touch-Panel” display screen
Pressure display
Gas flow with mass flow controller
Single gas input
Process time remaining
Emergency Off (EMO)

Control System Options:
3 Gas channels
PLC control
Data logging
Capacitance manometer—corrosive use
Temperature sensor
Throttle valve
Nitrogen backfill
Slow pump and particle reduction
Photo end point for photoresist stripping

Reactor Chamber 30” Aluminum:
Shelves can be configured for primary or downstream plasma
30” Cube aluminum chamber
Multiple shelves—(8)
Front loading
View port on front door RF and UV shielded

RF Power Source:
0-1000 Watt, 13.56 MHz
Forward and reflected power reading
3% Power regulation
Fully protected circuitry

Optional:
Low frequency
Coolant Chiller

Power Requirements:

220VAC Standard
208/220 3P 30A Vacuum Pump

Dimensions:
Standard 30” equipment rack
36” W x 60” H x 36” D
Pump dimensions
30” L x 12” W x 18” H
Shipping weight
1500 lbs Crated weight (estimated)

Vacuum System:
85 CFM Standard service with all manifold interconnects

Vacuum System Options:
Dry Pumps
Oxygen service
Corrosive service
Mist filter—exhaust
Oil filtration—Fomblin
Larger pumps required for some applications

CALL ANATECH USA TODAY TO DISCUSS YOUR APPLICATION
1-800-390-4449
2947 Whipple Road, Union City, CA 94587

Anatech USA Home Page : www.anatechusa.com Email: info@anatechusa.com