

Tumbler Reactor Plasma System



18" x 40" Basket

Thinking of a new cleaning process ?

Need to modify surfaces ?

Want to eliminate CFC's, effluents and harmful vapors?

Want ease of use and high efficiency?

Want operator and environmental safety

Want adaptable parts capability?

Want low consumable cost and virtually no disposables?

If yes, then immersing parts in low temperature plasma may be your final cleaning solution !!

Anatech's plasma systems are CFC and effluent free, operator and environmentally safe, easily used, efficient, with no costly solvents or chemicals, no repeat rinses, leaves no residues, are adaptable to many parts sizes and configurations, from production throughput requirements, to R & D.

18" Tumbler Reactor System

Control System

Programable logic controller
Digital count down timer (hrs, min, sec)
Digital pressure display
Gas flow with mass flow controllers
Single gas input
Single process

Control System Options

Multiple programs (18)
Capacitance manometer
Temperature sensor
Throttle valve
Nitrogen backfill
Slow pump and particle reduction

Reactor Chamber Aluminum

Aluminum Basket (18"x40")
Front loading
View port on front door with Vshield

RF Power Source

0-600 Watt, 13.5 MHz (standard)
Forward and reflected power reading
3% Power regulation
Optional 300 or 1000 Watt 13.56 MHz supply

Power Requirements

115 VAC 15A 50/60HZ
20VAC optional
115 VAC 15A for vacuum on separate feed

Dimensions

Standard Equipment rack
19" half or full rack
Pumps vary based on system

Vacuum System

Standard service with all interconnects

Vacuum System Options

Oxygen service
Corrosive service
Mist eliminator
Certain applications may require higher gas throughput than standard. Pump needs to be sized