



Specifications:

- **Plasma treated materials:** PTFE, FEP, ETFE, XL ETFE, Silicon, PE, PP, PET, ABS, Quartz, Glass, etc.
- **Standard Set of nozzles:** Round 1/16, 1/8 & 1/4" I.D. Tee 1/4", Flat fare 0.5, 1 & 3"
- **Optional Electrodes:**
PT-2000MG-DBDL for tubing OD/ID treatment
PT-2000MG-DBDF for flat surface treatment
PT-2000MG-DBDV for partial vacuum plasma treatment
PT2000MG-CE ceramic electrode
- **Primary Plasma Gasses:** Argon, Helium
- **Gas Consumption:** 3-30 scfh
- **Power Consumption:** 50 W
- **Power Requirement:** 120/250V, 60/50 Hz 1 A
- **Exhaust System:** Optional, with variable flow up to 100 scfm
- **Dimensions:**
Power Supply: 8"H x 14"W x 14"D, 12lbs
Electrode Assembly: 2" H x 2"W x 7"D, 12lbs
- **Operating Environment:**
Temperature: 35-105F
Humidity: 90% max, non condensing

PT-2000MG Medical Grade Plasma Treatment System



Model: PT-2000MG Medical Grade

Tri-Star Technologies, a world leader in atmospheric plasma systems, presents the PT-2000MG Medical Grade plasma treatment system specifically designed to improve adhesion in coating, marking, gluing and similar processes widely used by medical device manufacturers, aerospace industry and others. Its small footprint and unique ability to treat a variety of different articles ranging from ID of 50 microns tubing to large flat surfaces makes it an indispensable tool for any R&D lab and/or pilot production runs. The bond strength after plasma treatment passes most customary, military and commercial durability requirements. The PT System's onboard PLC allows users to store an unlimited number of user-defined process parameters, including frequency, current, power, and other system-specific settings, providing infinite repeatable processes.

- **Works in ambient environment**
- **Does not damage, cloud or discolorate**
- **Unlimited User-Defined Parameters:** Store an unlimited number of user-defined process parameters, including frequency, current, power, and other system-specific settings.
- **Fully Programmable**
- **Clean room capable**
- **Used to treat:**
 - angioplasty balloons and catheters
 - hypodermic needle hubs and syringes
 - insulin pump vials
 - pacemakers
 - LCD screens
 - underwater cable connectors
 - aerospace cable connectors
 - wires and cables
 - flat surfaces
 - curved surfaces
 - dielectric surfaces
 - conductive surfaces
 - other surfaces...

