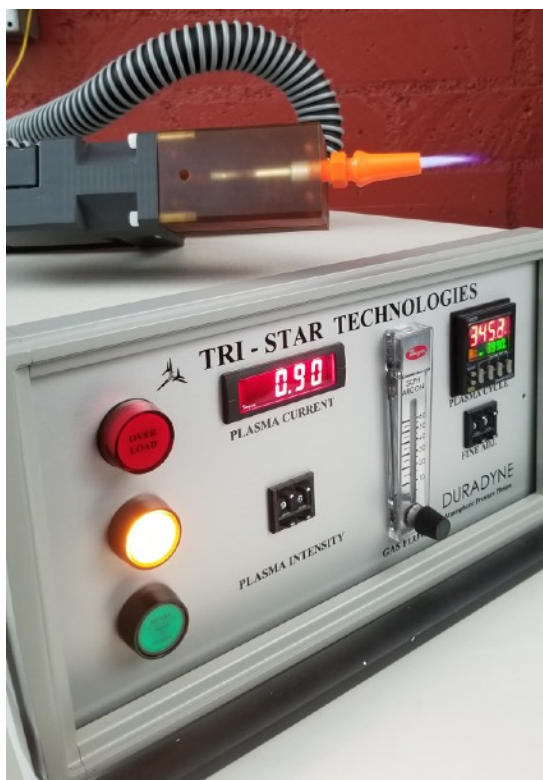




Specifications:

- **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-2000P-DBDL for tubing OD/ID treatment
 - PT-2000P-DBDF for flat surface treatment
 - PT-2000P-DBDV for partial vacuum plasma treatment
 - PT2000P-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-2000P Duradyne Plasma Treatment System



Model: PT-2000P Duradyne

Tri-Star Technologies, a world leader in atmospheric plasma systems, presents the PT-2000P, a portable 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 low cost, small footprint 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 treatment process developed with PT-2000P Duradyne system can then be easily scaled up for any production line.

- Works in ambient environment
- Does not damage, cloud or discolorate
- User friendly
- Easy to interface
- Clean room capable
- Used to treat:
 - angioplasty balloons and catheters
 - hypodermic needle hubs and syringes
 - insulin pump vials
 - pacemakers
 - wine corks
 - golf balls
 - percussion drum heads
 - CD and DVD
 - LCD screens
 - underwater cable connectors
 - aerospace cable connectors
 - wires and cables
 - flat surfaces
 - curved surfaces
 - dielectric surfaces
 - conductive surfaces
 - other surfaces...

