

Atmospheric Plasma System

The Atmospheric Plasma System uses a nozzle-type plasma generator to activate surfaces for bonding or printing. This system is fully scalable and compatible with robots or automated assembly lines.

Each plasma head can be controlled by a PC with full logging and diagnostic capabilities or by a PLC system. The PLC option allows a single control point for multiple plasma heads. Compatible input gases include compressed air, nitrogen, nitrogen/hydrogen, argon/oxygen, or argon/hydrogen.

The plasma head features a cable and gas line up to 10 meters long, allowing for easy integration into a wide range of systems. A variety of nozzle heads can be used to suit nearly any application.



STANDARD FEATURES	
Treatment Distance	10 - 25 mm
Treatment Width	15 - 25 mm
Control System	Laptop, PLC, or Manual Control
Unit Dimensions	W: 19", H: 7", D: 17"
Unit Weight	40lbs

FACILITY REQUIREMENTS	
Electrical	240VAC 50 – 60 Hz, 15 AMPS
Input Gas	Nitrogen, Argon/Oxygen, Argon/Hydrogen, Nitrogen/Hydrogen, or Compressed Air; 50 PSI Minimum