

Turn Table System

Designed to meet the needs of the wire bonding industry, the TT-1 is a surface modification system with a rotating electrode. It's based off of our popular BT-1 plasma processing system – sharing the same robust and reliable characteristics. It has the capacity to evenly process multiple slotted lead frame magazines and is able to process both perforated and non-perforated magazines. The rotating active processing surface has the option of insulated or direct-on method of plasma treatment.



STANDARD FEATURES

Electrode Configuration	Rotating 17" Diameter Work Table
Generator	600W 13.56MHz Continuously Variable Power Supply with Automatic Matching Network
Gas Control	One 0-500cc Mass Flow Controller
Control System	Color PLC-based Touch Screen Control Interface, Multiple Recipe Storage
Vacuum Gauge	1-2000 mT
Vacuum Pump	29CFM 2-Stage Direct Drive Oil Pump (Oxygen Service – Krytox Charged)
Chamber	26 1/2" x 23 3/4" x 21"; 6061-T6 Aluminum
Unit Dimensions	70" x 36" x 32"
Unit Weight	Approx. 1200lbs; 1350lbs with Vacuum Pump

FACILITY REQUIREMENTS

Electrical	120/208 VAC, 50/60 Hz @ 50 Amps
Compressed Air Service	80-100PSI, 0.5CFM
Regulated Process Gases	15PSI

OPTIONAL FEATURES

- Larger MHz Power Supplies
- PC-Based Control System
- Electrostatic Shielding
- Temperature Control System
- Dry and Oil-Driven Vacuum Pumps and Blower Boosters
- Chiller System for Dry Vacuum Pump
- Chamber and Vacuum Pump Purge Systems
- Vacuum Pump Oil Mist Eliminator
- Vacuum Pump Oil Filtration
- Automatic Vacuum Control
- Additional Digital Mass Flow Controllers
- Gas Steering Matrix 2x5
- Low Gas-Source Alarm
- Light Tower
- Fume Scrubber