



LT 2000

3D PLASTIC SURFACE TREATING EQUIPMENT

COMPARISON WITH 3D CORONA

360 degree treatment insures total treatment that does not rely on the corona coming in contact with the part.

No electrode to adjust. Simple installation that does not require fixturing, or set up for different part sizes.

Oriented, In-Line or Bulk, the LT 2000 works equally well.

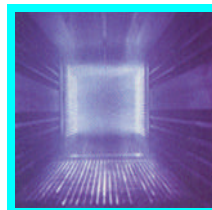
**No EMI concerns, 50-60 Hz operation
No interference with electronic equipment, or pace makers, providing a safer work place.**

No electrodes to clean, replace, or malfunction.

Controlled humidity environment assuring perfect treatment regardless of humidity level or plant temperature.



BULK APPLICATION



PLASMA TUNNEL



IN-LINE APPLICATION

HOW THE LECTRO-TREAT SYSTEM WORKS

The Lectro-Treat operates on a HV capacitor system creating an oxidized cold plasma inside the plasma tunnel at atmospheric pressure. All parts pass through the tunnel on a continuous conveyor system. The LT 2000 reaches a higher level of energy by supplying what is referred to as a directional plasma in air. This directional plasma allows any part to be completely treated.

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Markets That Utilize The Lectro-Treat System

Automotive

Promotional

Containers

Medical

Recreational

Electronic

Industrial

Features	Benefits
Wet Surface Treatment Levels >70 dynes/cm ² over the entire outside of three dimensional plastic parts.	Allows the decoration/adhesion on plastic parts without the use of costly primers or chemical wipes.
Open Atmosphere Plasma	Continual process, no electrodes, nothing to wear out. Virtually no maintenance or replacement part cost!
Versatility	No set-up required to insure good treatment.
No Heat	Zero scrap due to heat warping, surface crazing, stress relieving and paneling. Maintains the surface integrity of your plastic parts. Thin walling of parts made possible resulting in material savings.
Safe Equipment	Lower insurance premiums, no open flames, no high frequency.
Efficient Operation	Low power consumption.
Low Frequency 50-60 HZ	(EMI) Electro Magnetic Interference
Low Maintenance	Only periodic cleaning necessary.
PLC Controls	Reliable and repeatable production rates, allows interface with entire production line.
Cold Plasma	360 degree uniform surface treatment guaranteed.

Specifications

Input Voltage	Standard 240 volt, 3 phase Any voltage can be accommodated
Frequency	50-60 HZ
Total Electrical Load	3.5 KVA on standard units
Certification	UL, CSA or CE components
Equipment Dimensions	38" wide x 72" long x 60" height 12" conveyor extension each end
Conveyor Height	37" above the floor
System	Comes completely assembled. Ready to use, No set-up!
Custom Design	Available upon request

Video and CD available to show application and operation