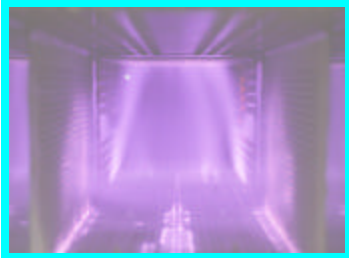




# LT 2012

## 3D PLASTIC SURFACE TREATING EQUIPMENT

LATEST PRODUCT IN THE 2000 SERIES OF LECTRO-TREATS



**PLASMA TUNNEL**



**BULK APPLICATION**



**IN-LINE APPLICATION**



- > THE LT 2012 WITH IT'S 12" TUNNEL SIZE IS A DIRECT REPLACEMENT FOR THE MOST POPULAR LECTRO-TREAT OF ALL TIME
- > LT 2012 TAKES UP 66 % LESS FLOOR SPACE THEN THE STANDARD 12" BULK LECTRO-TREAT
- > THE LT 2012 WITH ITS SMALLER FOOT PRINT CAN ACHIEVE HIGHER LINE SPEEDS THEN STANDARD LECTRO-TREATS

### 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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## LECTRO ENGINEERING COMPANY

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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 <sup>2</sup> 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	No (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	8 KVA on standard units
Certification	UL, CSA or CE components
Equipment Dimensions	46" wide x 78" long x 75" height 18" conveyor extension each end
Conveyor Height	43.5" 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