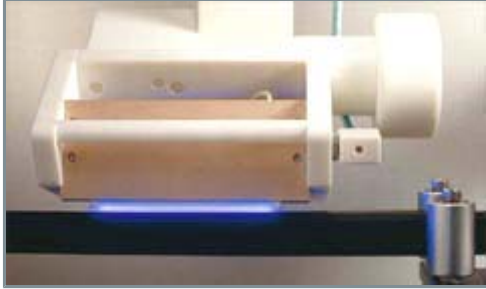


## POLYDYNE™ CORONA TREATING SYSTEMS

**POLYDYNE™**



PolyDyne Corona Treating System

### The PolyDyne Corona Treating System

Taking unique advantage of atmospheric Corona discharge, 3DT's PolyDyne high frequency high voltage system sets new standards for Corona technology. With PolyDyne it's now possible to Corona treat virtually any three-dimensional polymer surface delicately, quickly and efficiently. PolyDyne allows the application of Corona treatment to the exact area needed and increases adhesive properties regardless of shape.

State-of-the-art **PolyDyne Corona treating systems** include a full complement of accessories, and are designed for easy installation and maintenance. The PolyDyne Corona treating System features:

- A generator and one dry air transformer each enclosed within durable EMC-containing aluminum cabinets; the generator and transformer are connected via an EMC-shielded high frequency cable
- Dynamic generator with a liquid crystal display that shows watt-voltage applied and treating timer
- Microprocessor controls
- State-of-the-art, solid-state circuitry
- An innovative frequency matching system that allows generator, transformer and electrode systems to self-adjust and operate concurrently

Polydyne Corona Treating System are designed for maximum flexibility, a series of transformers can be combined to produce optimal treatment for any application. For safe handling of the treatment voltage, a series of standard electrode components and modules are available. 3DT also offers system solutions including custom-made electrode systems, ozone eliminators, material handling systems, design, manufacturing, installation and service.



PolyDyne Corona Treating System