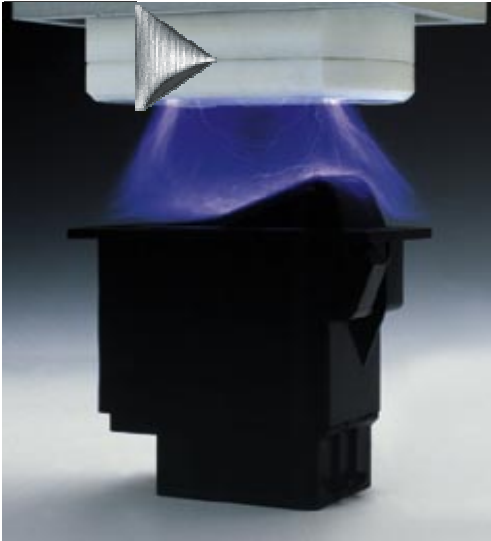


## MULTIDYNE™ CORONA TREATING SYSTEMS

### **MULTIDYNE™**



The MultiDyne Corona Treating System from 3DT is the perfect solution to adhesion problems on injection, blow molded or extruded parts. **MultiDyne Corona Treating Systems** can be incorporated into existing or new production lines or operated manually. Treatment is done prior to printing, glueing or laminating. The MultiDyne Corona Treating Systems have a durable, one-piece ceramic head. This makes the MultiDyne suitable for a wide variety of applications, even when treating areas near metal inserts.

The treatment of MultiDyne's Corona discharge is created with the use of the "short circuit" principle generated between two hook-formed electrodes at a high voltage potential. An air stream passes between the electrodes spreading the Corona field uniformly onto the surface receiving treatment.

This design makes **MultiDyne corona treating systems** perfect for a wide variety of applications. Treatment on surfaces adjacent to metal inserts or areas held in a metal fixture is easily accomplished with the MultiDyne system.

Each MultiDyne system is furnished as a complete set of components including generator, transformer and one or two treating heads. For treatment of large complex areas such as containers and bottles, multi-headed systems are available with 4, 6, 8 or 10 heads.

Standard treating heads deliver treatment to unlimited lengths of material with widths of up to 2.5" (65mm). Flat surfaces and complex 3-dimensional parts alike are treatable with the flexibility of the MultiDyne system.

A compact and durable aluminum cabinet houses both generator and transformer. The treating head connects securely to the cabinet via a high voltage cable and air hose.

The solid state controlled generator has a built-in treating timer that is activated and adjusted on the front panel. This custom designed and manufactured generator supplies power to the high voltage transformer when then directly supplies the treating head resulting in low frequency Corona discharge.



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