



# TERRONICS DEVELOPMENT CORPORATION

*Innovators in Development of Electrostatic Coating Process Technologies*

*Phone: 765-552-0808 Fax: 765-552-0810*

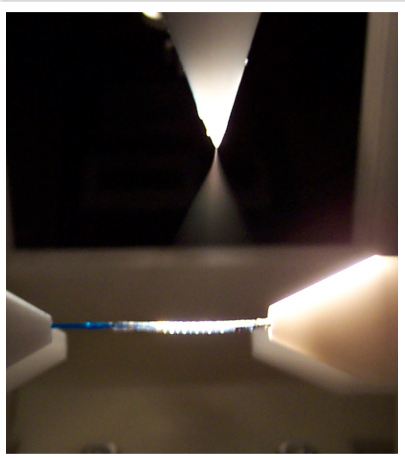
*7565 West 900 North, Elwood, Indiana 46036*

## Nano-Coatings

Nano-technology is on the rise and along side it is the need for nano-coatings.

In the late 1990's Terronics Development Corporation (TDC) began improving and developing their own electrostatic single point nozzle or "Dart" nozzle. From the early stages, flow rates of **0.2 ml/hr** were achieved. At this point TDC realized the enormous potential of the Dart nozzle.

With further refinements and improved designs, the Dart nozzle is capable of consistently atomizing at rates of **0.02 ml/hr** with high voltage settings around **15 kilovolts**. This power is less than **10 microwatts** of electricity. For comparison a typical light bulb uses 60 watts of electricity.



### TDC's CURE for your coating needs:

- **C**ontrollability
- **U**niformity
- **R**eliability
- **E**fficiency

Less mis-targeting of material is eliminating unwanted waste. TDC's non-abusive method of coating ensures that expensive and possibly hazardous material will be applied uniformly and efficiently.

TDC's electrostatic "Dart" nozzle can deliver benefits in industries such as medical, military, food, textiles, and others.

Contact Terronics for more information.

Terronics Development Corporation  
7565 West 900 North, Elwood, Indiana 46036  
Ph: 765-552-0808 Fx: 765-552-0810

[www.terronics.com](http://www.terronics.com)