

DIGISONIC III

ULTRASONIC ATOMIZATION SYSTEM

FEATURES AND BENEFITS

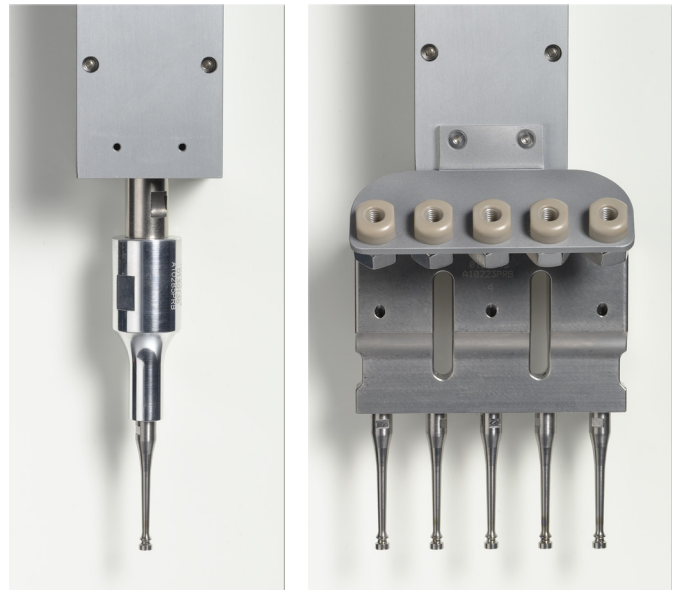
- titanium horns
- submicroliter to milliliter atomization
- autotuning electronics
- programmable power levels
- directional side spraying horns (360°)
- integration with IVEK dispensing systems
- quantitative, accurate & repeatable doses
- multiple nozzles (max 5) from a single drive
- airless spraying
- reduction of overspray
- low velocity spray
- resistant to nozzle corrosion & fatigue
- elimination of potential clogging
- affordable with higher throughput
- durable for manufacturing environments



digisonic III controller module
146mm H x 203mm W x 349mm D

TYPICAL APPLICATIONS

- interior surface coating
- small parts coating
- sterile applications
- web coating
- chemical bonding
- lubricant application
- custom spray patterns
- fragrance application
- vibratory shearing of viscous material
- biological testing
- medical wrap & mesh coatings
- electronic board coatings
- fuel cells
- wafers
- photovoltaic arrays



digisonic II titanium horns



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED



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The new Digisonic III ultrasonic atomization system is a robust and effective method of coating one or multiple parts from a single drive system. This system can drive up to 5 individual horns simultaneously through a single electronic module. This feature is accomplished by introducing our multi-element booster to the ultrasonic transducer. This innovative design provides all of the accuracy and effective coating characteristics of the IVEK ultrasonic atomizers while dramatically reducing equipment costs. Most of our previous horn designs are also adaptable onto the new systems. These include some of our unique and patented radial and micro-bore atomizers. Equally impressive is the improved durability and lower cost profile making it a perfect solution for specialized coating applications. IVEK uses vibrational frequencies of 40 KHz (standard).



360° radial spray



vial coatings

PRECISION ENGINEERED FLUIDIC SOLUTIONS SINCE 1979

IVEK Corporation is committed to quality and customer support. Our product has always been relied upon for critical applications and our policy states customer satisfaction as the number one priority. As our customer you will experience exceptional performance and reliability for your most demanding applications. IVEK Corporation is ISO 9001 and ISO 13485 certified.



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