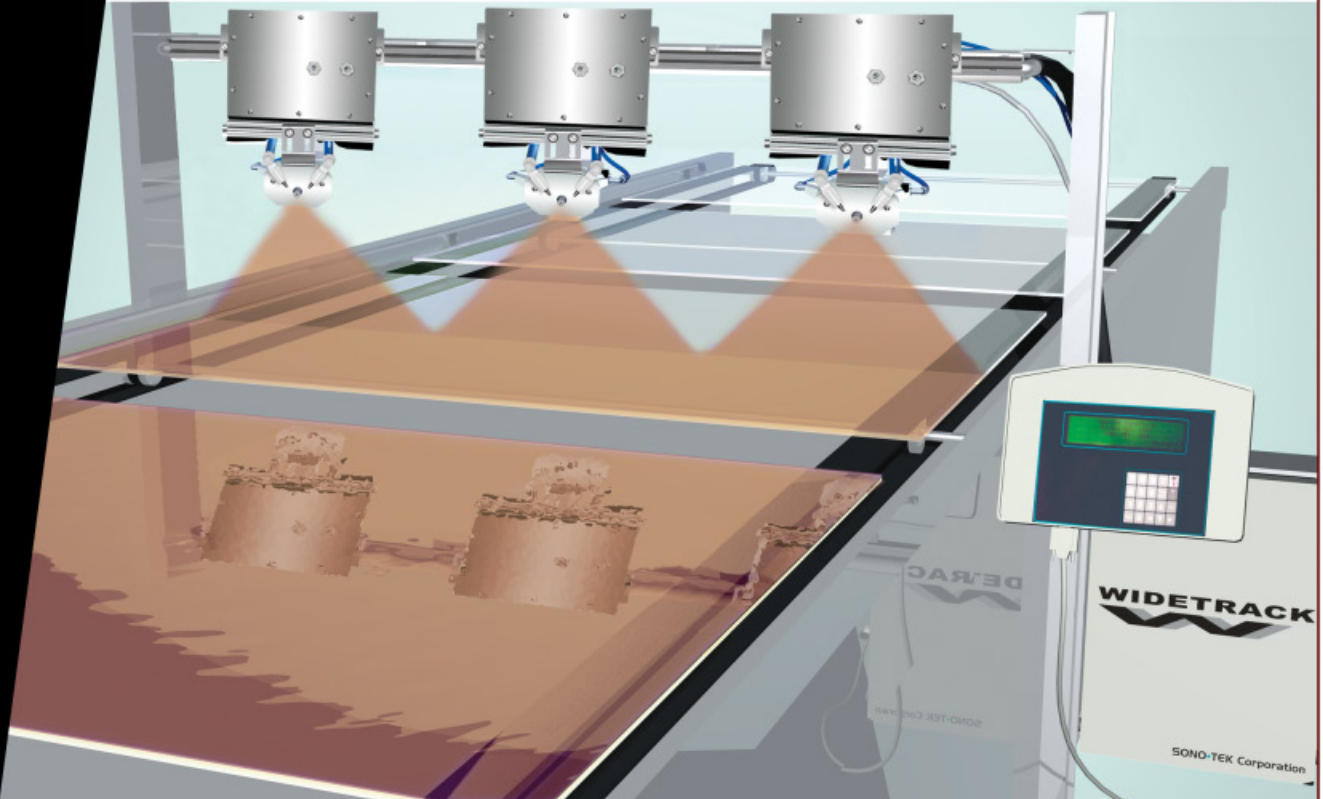


WIDETRACK

A soft, uniform and highly-controllable spray over any width substrate

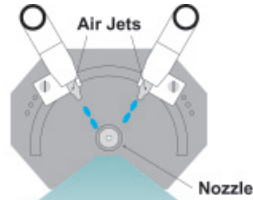


*Artist's conception, actual installation will vary depending on application.

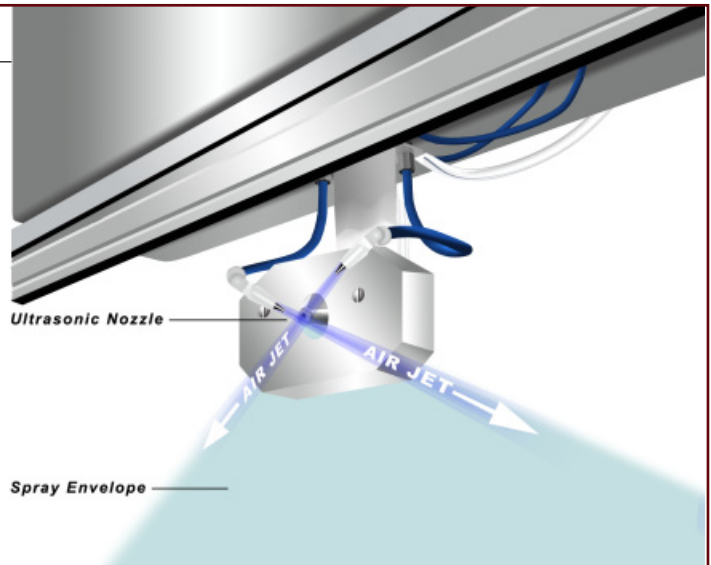
The Widetrack System offers significant advantages over conventional pressure-spray methods in a broad range of applications. Whether you are coating moving webs of non-woven fabrics, flat panel displays, touch screens, or exceptionally wide ribbons of float glass, the Widetrack system maintains precise control of the coating at the flow rate you specify. Waste is greatly reduced, since the low-velocity system produces minimal overspray, and maintenance is kept to a minimum because ultrasonic nozzles will not clog. In addition, the titanium and 316 stainless steel construction of the Widetrack makes it compatible with almost any liquid. The Widetrack Coating System uses a non-clogging ultrasonic atomizing nozzle to produce a low-velocity, highly controllable spray.

- Highly controllable ultrasonic spray produces reliable, consistent results
- Non-clogging ultrasonic nozzle
- Ultra-low flow rate capabilities, intermittent or continuous
- Covers up to 24" with one nozzle or use multiple nozzles to cover any width substrate
- Uniform coating with high transfer efficiency
- Low-velocity spray – minimal bounceback and overspray
- No moving parts
- Reduced material consumption

Operating Principle



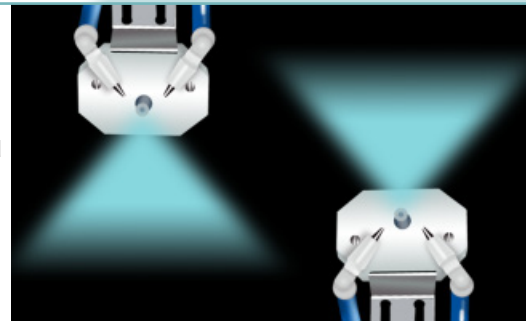
Each spray assembly contains a pair of air jets which alternately pulse to drive spray downwards. The timing and force of the pulses produces a spray pattern that oscillates back and forth across the substrate.



Total Customer Support

Sono-Tek has been developing and manufacturing a wide range of quality products based on our patented ultrasonic spray technology for more than 30 years. Each Widetrack System is configured and factory tested specifically for each application. Installation at your facility will be performed by our experienced field service staff who will work with you to set up your process and train your production and service personnel.

We want you to be completely satisfied with the quality, performance, and reliability of your system. After installed, we are available for consultation on service, process setup, or system operation.



WideTrack systems can be mounted in spray up or spray down orientations.

WIDETRACK WIDE AREA COATING SYSTEM SPECIFICATIONS

General Specifications

Coating System	Stationary ultrasonic nozzle with air-operated spray dispersion assembly
Construction	Stainless steel, titanium, Teflon®, polypropylene, Delrin®, Ryton® (wetted materials)
Controller	8-bit micro-processor
Analog Channels	Up to 8 with 12-bit resolution
Display	Backlit LCD (4x40)
Width Range	2-24" (50-600 mm)
Flow Rate Range	10-70 or 20-99 ml/min
Deposition Uniformity	±10%
Deposition Repeatability	± 2%

Service Requirements

Line Power	110/120 VAC, 50/60 Hz or 220/240 VAC, 50/60 Hz
	Single phase, 750 VA max
Compressed Air	Clean, dry and oil-free
Supply Pressure	70 - 150 psi
Capacity	3 cfm / 24"
Exhaust	application dependent

System Enhancements and Options

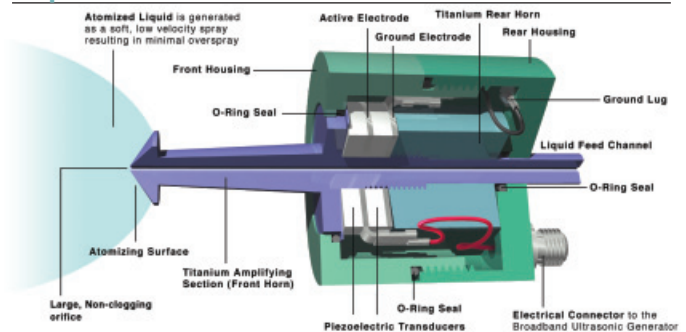
Enhancements

Programmable operation with RS232 communications and 250 recipe storage
Stand-alone enclosure
Chain/Tab conveyor

Options

Titanium spray assembly
Stainless steel reservoir with filter and level sensor
Three-position light tower
Calibration kit

Liquid Atomization



SONO•TEK Corporation
Leadership through Innovation

ISO 9001:2000
CERTIFIED

Global Solutions in Ultrasonic Spray Technology

Sono-Tek's corporate headquarters are located in Milton, NY USA, with additional offices in Hong Kong. Our extensive global support and distribution network provides factory trained personnel with local language support in dozens of countries worldwide.



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Comprehensive Solutions in Process Automation and Technology