

ASYMTEK Laser Fan Width Options

Automatically Verify and Correct Fan Width

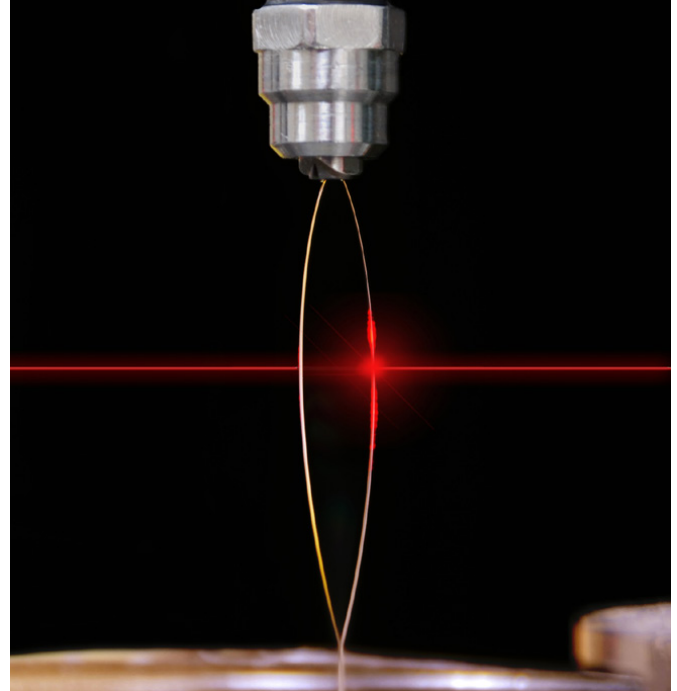
Features and Benefits

- Delivers reliable, repeatable coating results by automatically verifying fan width with laser technology
- Maintains consistent coating quality by adjusting for changes in material viscosity during production
- Improves process control with programmable intervals for fan width verification and correction
- Provides better manufacturing visibility and supports statistical process control (SPC) with detailed production data logging
- Offers greater application flexibility by supporting multiple programmable fan widths through EasyCoat® 6 software
- Compatible with the Select Coat® SL-940 and SL-1040 conformal coating systems

ASYMTEK film coater technology offers integrated process control that maintains consistent coating width despite viscosity variations caused by batch differences, production changes, or ambient temperature fluctuations.

Laser Fan Width Verification continuously checks that the correct spray pattern width is being applied during production. Programmers can set acceptable width limits and define automatic actions if those limits are exceeded, such as alerting an operator to make an adjustment. This ongoing monitoring helps keep the process stable and ensures consistent product quality.

Laser Fan Width Control goes a step further by removing the need for manual adjustments. Using closed-loop control, the system automatically checks and fine-tunes the fan width to keep it within set limits. This improves consistency, reduces variation, increases yield, and delivers more reliable coating quality.



Flexible Verification and Control Modes

Laser Fan Width Verification and Laser Fan Width Control offer multiple modes to fit different production needs. A one-sided test checks that the fan width stays within defined limits, while a double-sided test also confirms that the spray pattern is symmetrical. Both tests run quickly and do not slow down production.

Programmers can choose when these checks occur, either at the start of production, at set time intervals, or after a specific number of parts have been coated. This flexibility helps ensure consistent performance without disrupting workflow.

Designed for Cleanliness and Reliability

Laser Fan Width Verification and Laser Fan Width Control are designed to minimize contamination and make cleaning easier. This thoughtful design supports dependable operation and helps maintain consistent, high-quality results.

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Applicators

- SC-280 Select Coat® Film Coater (models SC-280N non-circulating and SC-280C circulating)

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