



Spray Analysis
and Research Services
From *Spraying Systems Co.*

INTRODUCING THE SPRAYSCAN® ePT

EMBEDDED PATTERNATION SYSTEM



MONITOR SPRAY PATTERN & DISTRIBUTION IN-LINE WITH YOUR PROCESS

The SprayScan® ePT illuminates and images the cross-section of the target spray and automatically processes and uploads the result to the client dashboard. The transmitted results are then evaluated for acceptable characteristics.

With the SprayScan ePT, you can:

- Characterize the size, shape and uniformity of your spray process distribution.
- Setup custom criteria on the dashboard to alert the operator when the spray characteristic deviate from predetermined warning or critical limits.
- Document spray quality measurements for archival review and quality guarantees
- Review historical spray distribution details to predict maintenance schedules or product quality changes
- Automate spray production processes while ensuring performance



SprayScan ePT dashboard

Real-time monitoring of the spray quality allows the next generation of quality control and automation to be realized. Research grade evaluations are reduced to a simplified installation and interface to allow any operator to have access to state-of-the-art monitoring technology.

SETUP & BEGIN MONITORING THE SPRAY DISTRIBUTION

- 1 Install the SprayScan ePT unit, ensure that the laser passes through the spray area of interest
- 2 Connect the system to the local network or wifi
- 3 Perform 5 minute initial setup process showing a typical good spray
- 4 Sign in to the dashboard to see your spray distribution and monitor the distribution

TECHNICAL SPECIFICATIONS

Maximum Laser Power: 100 mW
Laser Wavelength: 532 nm
Top-side Mounting: 1/4-20 insert with alignment tab
Enclosure Material: Anodized Aluminum
Enclosure Size: 8.85 in. (225 mm) x 3.25 in. (83 mm) x 1.5 in. (38 mm)
System Power: 24V and 1.5A
Connectivity: Ethernet or WiFi
Display: Integrated OLED
Spray Area: 14 in. (356 mm) x 10 in. (254 mm)
Distance to Spray Center: 12 in. (305 mm)
Software: Custom, Integrated

21CFR1040.10 and IEC-60825 Compliant

PATENT PENDING



ADDITIONAL FEATURES

Custom packaging for shipping and storage



Spraying Systems Co.
Experts in Spray Technology

North Avenue and Schmale Road, P.O. Box 7900, Wheaton, IL 60187-7901 USA

Tel: 1.800.95.SPRAY Intl. Tel: 1.630.665.5000
Fax: 1.888.95.SPRAY Intl. Fax: 1.630.260.0842

www.spray.com www.spryanalysis.com
www.sprayscan.com



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