



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.

# SPRAYSCAN<sup>®</sup>ePT

## 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

U.S. Patent No. 12,160,957 B2



### ADDITIONAL FEATURES

- Custom packaging for shipping and storage
- PLC integration options for triggering and feedback



**Spraying Systems Co.<sup>®</sup>**  
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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