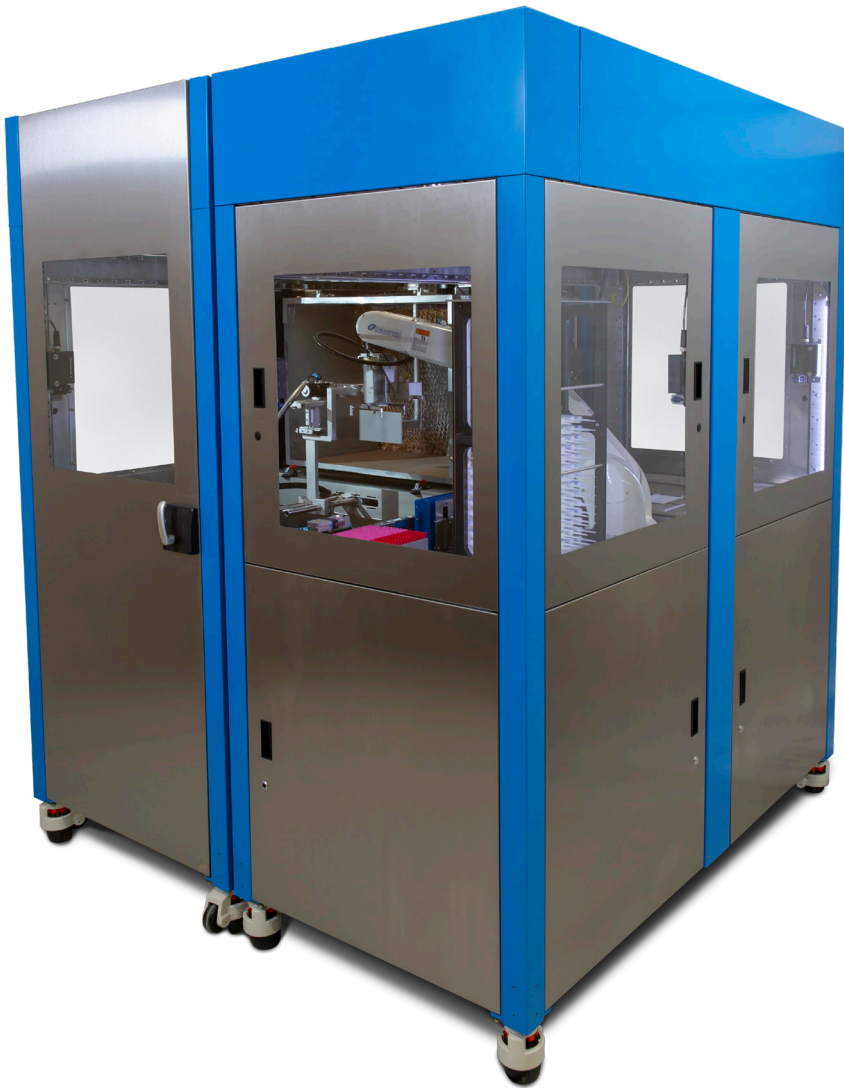


# FLEX SPRAY AIRBORNE

Fullfill High-Throughput Demands in Spray Airborne Application



Spray painting is a popular application technique which offers many advantages. Chemspeed's **FLEX SPRAY** allows fully automated coating application by airborne spraying for various workflows.



Increase throughput



Optimize costs



Enhance reproducibility and quality



Boost innovation

## EASY-TO-USE SOFTWARE

**AUTOSUITE** software supports fully unattended spray application. It enables liquid spraying during substrate movement for an optimized spraying pattern.

Task	Name	Description
1	Spray application	
1	Read barcode	
2	Open vessel	
3	Load substrate	
4	Aspirate liquid	
5	Spray	While substrate is moving
6	Wait	Wait for flash-off time
7	Close vessel	
8	Store substrate	

The interface also includes a sidebar with icons for Barcode Scanner, Robot, and Screw Capping. A blue arrow labeled 'Drag & Drop' points from the Barcode Scanner icon to the first task in the list.

## KEY FEATURES



Defined enclosure for air renewing



Minimized sample consumption



Sufficient ventilation



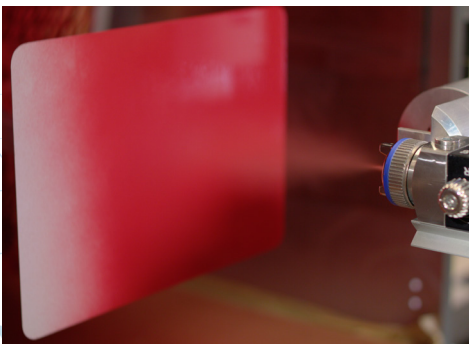
No cross-contamination



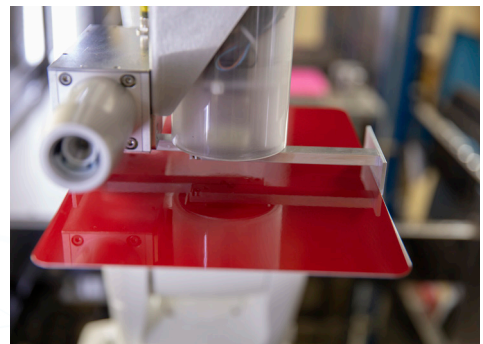
Commercially available disposables



Cleaning-free process



Automated spray application



Automated substrate handling

## FLEXIBILITY AND VERSATILITY BY DESIGN

Many parameters can be adjusted when applying paint using **FLEX SPRAY**:

- Spraying air pressure
- Sample dispensing speed
- Tip opening size
- Spraying distance
- Spray overlap
- Axis speed
- Spraying pattern
- Spray jet (round/wide)

Various setups are available to allow working with a range of substrate sizes (from SBS to A4).

## OPTIONAL FEATURES

The **FLEX SPRAY** can easily be expanded at virtually any time (higher throughput, modified specifications, features, workflows, etc.).

- **Barcode Reader**: Automated sample identification and increased process safety
- **FLEX SUBSTRATE STORAGE** and **FLEX VESSEL STORAGE**: Extended storages for longer unattended run
- **FLEX SCREWCAPPER**: To work with closed samples and minimize drying



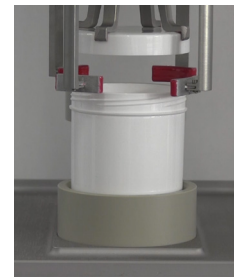
Automated barcode reading



Automated substrate handling & storage



Automated vessel handling & storage



Automated screw capping / decapping robotic tool

## YOU COULD ALSO BE INTERESTED IN:

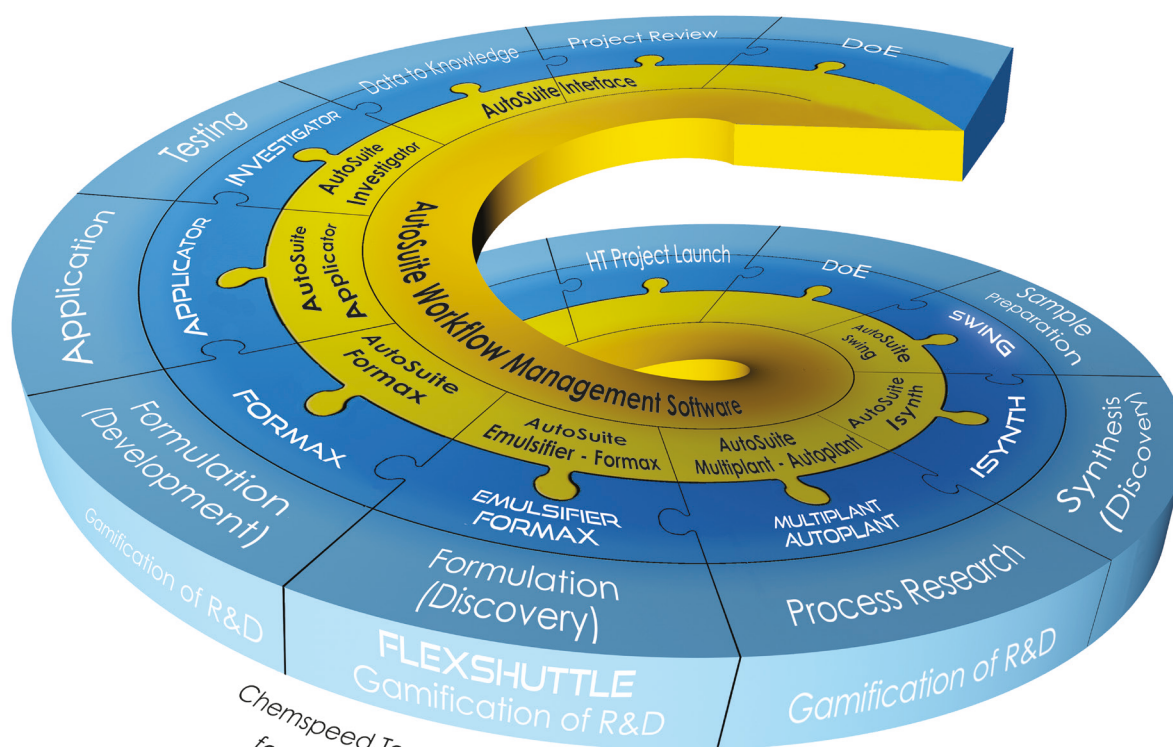
<b>FLEX DRAW DOWN</b>	Wet film application on flat substrate	<b>FLEXSHUTTLE COLMATCH</b>	Color blending and color matching
<b>FLEXSHUTTLE QC</b>	Quality control and testing	<b>FLEXSHUTTLE PAINTS &amp; COATINGS</b>	Paints & coatings development and quality control
<b>FLEX SPRAY AIRLESS</b>	Spray airless application	<b>FLEX SPRAY ELECTROSTATIC</b>	Electrostatic spray application



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