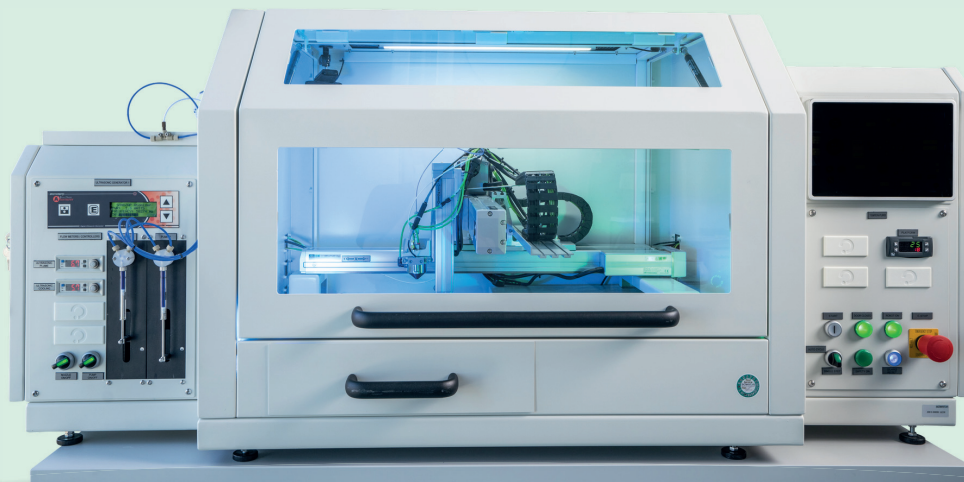


sciSPX

SPRAYING & COATING



Ultrasonic thin film coating of microtiter plates,
biosensors and lateral flow applications



About sciSPX

Spraying is the easiest way to coat large surfaces homogeneously and precisely on a nanoscale. SCIENION's sciSPX is a benchtop-size, semi-automated coating platform enabling fast and efficient spraying of various solvents onto a variety of substrates.

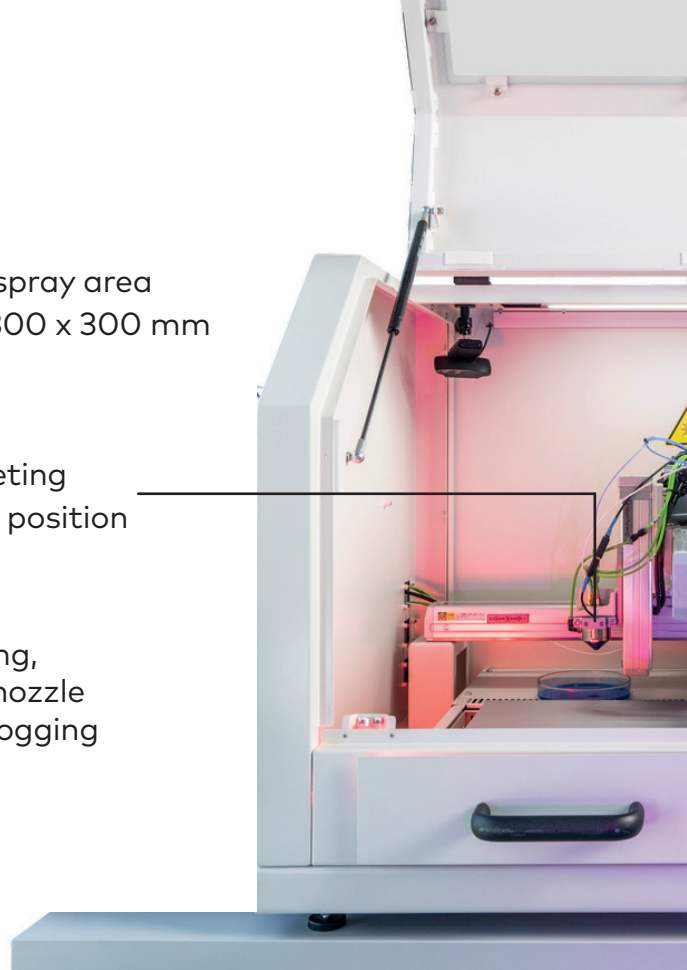
support @scienion.com
www. scienion.com



Maximum spray area coverage: 300 x 300 mm

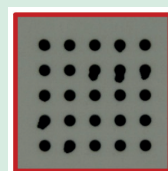
Laser targeting for coating position

Self-cleaning, ultrasonic nozzle prevents clogging



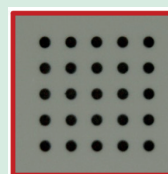
Benefits

- Versatile: Distribute highly viscous polymer solutions, organic solvents and aqueous buffers
- Precise: Exact droplet size, shape and positioning due to adjustable ultrasonic nozzle and laser targeting
- Reproducible: Homogeneous nanoscale surface coatings or films
- High Throughput: Flow syringe pump for continuous liquid delivery



'Pipet' Block

Commonly used 'pipet' blocking can cause spot smearing



sciSPX

Homogenous and fine dispersion with the sciSPX maintains arrays

Applications

Coating and blocking of:



Biosensors



Lateral Flow Material



Microtiter plates

These are just a few of the application formats we currently work with. Enabled by our in-house R&D team, we are capable of much more. We look forward to assisting you with your applications.