

OPTIMIZE MANUFACTURING EFFICIENCY. SCALE WITH REPRODUCIBILITY. ACCELERATE YOUR TIME-TO-MARKET.

CUSTOM MICRODISPENSING INSTRUMENTS

SCIENION delivers unique custom-built precision microdispensing instruments for life sciences applications, including diagnostics test and drug delivery device manufacturing, providing an end-to-end solution from feasibility to high throughput manufacturing.

OUR CUSTOM SOLUTIONS OFFER

SCIENION's sciFLEXARRAYER®s (S3, S12, SX and S100) are fully automated, non-contact, high precision dispensing platforms, equipped with ultra-low volume picoliter (10 pL) to nanoliter jetting technologies (sciDROP® PICO & NANO). They are tailored to all customer demands and designed for scale-up, from research up to high-throughput production. Customization includes scalable, fully automated high-throughput production lines, and new innovative concepts for moving carriers and substrates, documented reproducibility, inline optical QC, drying solutions or management of reeled targets.

25
YEARS

25 years of expertise, your perfect solutions provider



10 pL to 5 µL



Custom-built instruments



ISO-9001 standards



Design and validation adjusted to User Requirements Specifications



Hardware, software and automation

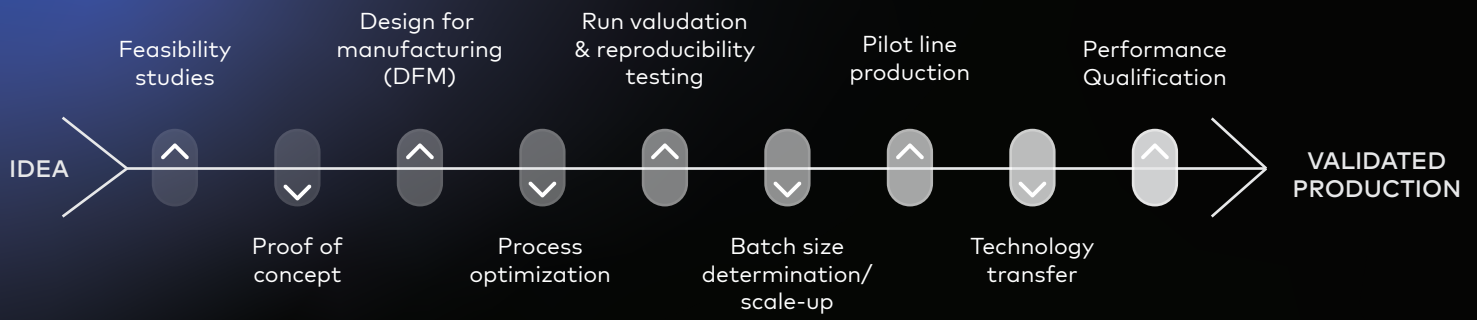


Combine with services



End-to-end support

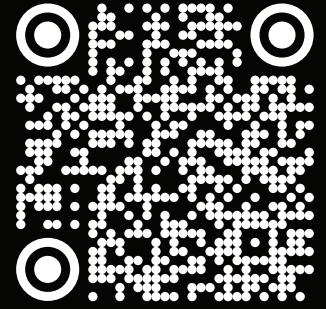




DESIGNED FOR DIAGNOSTICS MANUFACTURING

- Biochips and biosensors
- Diagnostic wearables
- Microfluidic cartridges
- Microneedles
- Multiplexed lateral flow tests
- Companion diagnostics
- Personalized medicine
- Point-of-care

SCHEDULE A FEASIBILITY DISCUSSION



<https://www.sciencion.com/connect-expert/>

WHY PARTNER WITH US

Go from proof-of-concept to high-throughput production of commercial tests and devices with a single partner.



Optimized to your specifications

Every system starts with your science. We adapt to your assay format, reagents, and data needs, ensuring performance that matches your exact experimental or production goals.



Seamless production integration

Our engineers design for compatibility. Whether linking with incubators, liquid handlers, or analytics, Custom Solutions integrate seamlessly into existing automation ecosystems.



Quality Mindset, Proven Process

All developments follow documented workflows under ISO 9001 procedures, guaranteeing reproducibility, reliability, and confidence in every delivered system.



Full lifecycle partnership from R&D to manufacture

We manage every step, from initial feasibility and URS definition to long-term validation and manufacturing, ensuring consistent precision at every stage.

CONTACT US

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