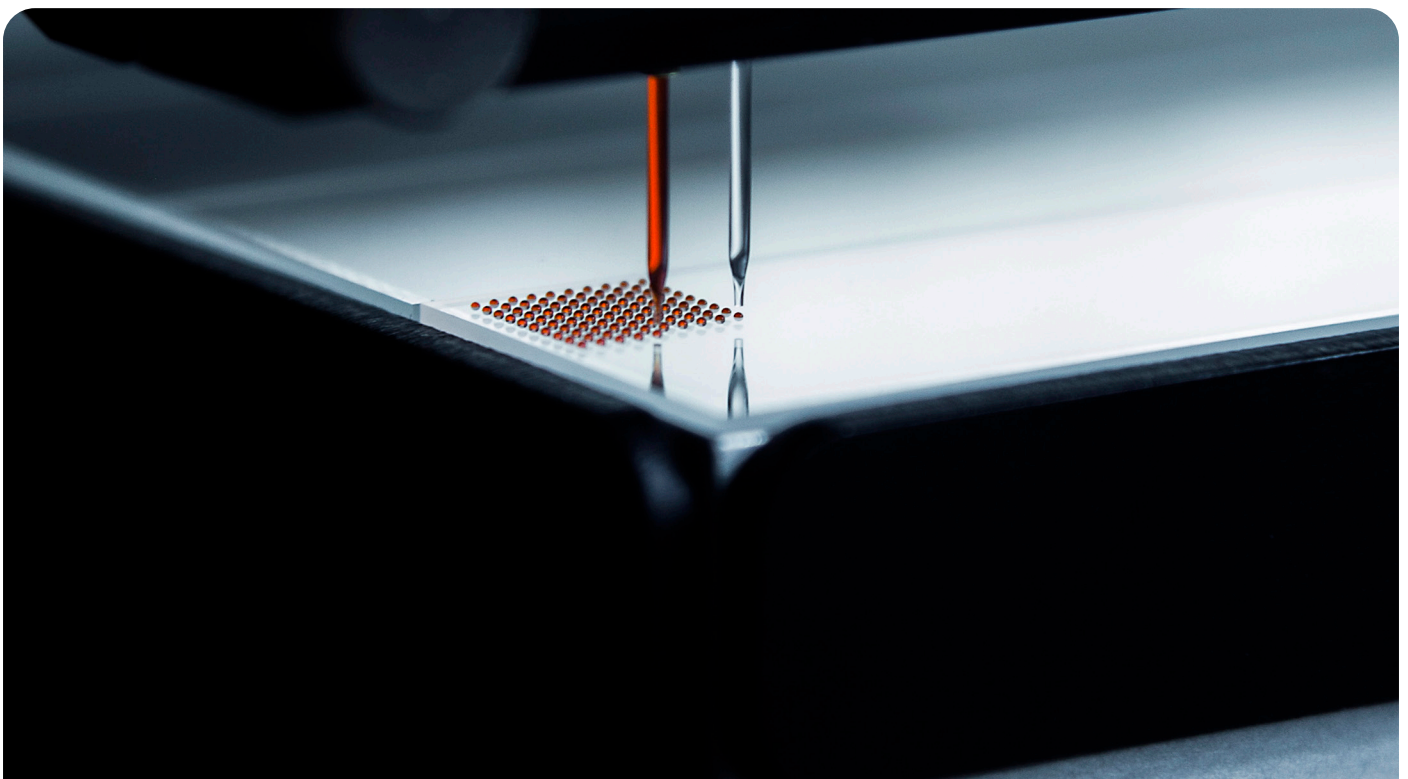


Custom Contract Services

YOUR PARTNER IN PRECISION MICRODISPENSING

Access to success with SCIENION, **your reliable partner for any precision microdispensing projects**, from proof-of-concept to high-throughput production.



Our services

CONTRACT APPLICATION SERVICES (CAS)

Contract Application Services (CAS) are globally utilized to demonstrate the practical realization of an early-phase concept, marking the initial steps toward developing an innovative and profitable product. Our CAS can be used for small test prints, feasibility studies, generation of pilot data to support funding rounds/grant applications, consultation, etc. These services typically span 1 – 5 consecutive days.

CONTRACT DEVELOPMENT SERVICES (CDS)

We collaborate with you throughout your development process to conduct verification studies aimed at optimizing your assays. This can include miniaturizing your process, optimizing dispense conditions, aligning processes with high-throughput manufacturing, batch size determination, material selection and other scientific consulting. The duration of these studies can vary based on your needs, ranging from 6 days to a year or longer and can be provided in intervals to hit your deadlines or targets.

CONTRACT MANUFACTURING SERVICES (CMS)

SCIENION offers scalable manufacturing solutions with high-quality services in quality control, supply chain management, printing, pre and post print processing, storage and shipment. We ensure transparency, reliability, and efficiency in conducting technology transfer either direct from the customer or other SCIENION services into CMS. All work is carried out by trained operators, tailored instruments, and full traceability through ISO 9001 documentation. CMS work is carried out as batch-to-batch production; however, more bespoke options maybe available upon request. To enter CMS, production must run for a minimum 6 month contact and requires a minimum purchase of 10,000 EUR. All SOPs must be frozen prior to entering CMS and PQ runs must be performed before the first manufactured batch production.

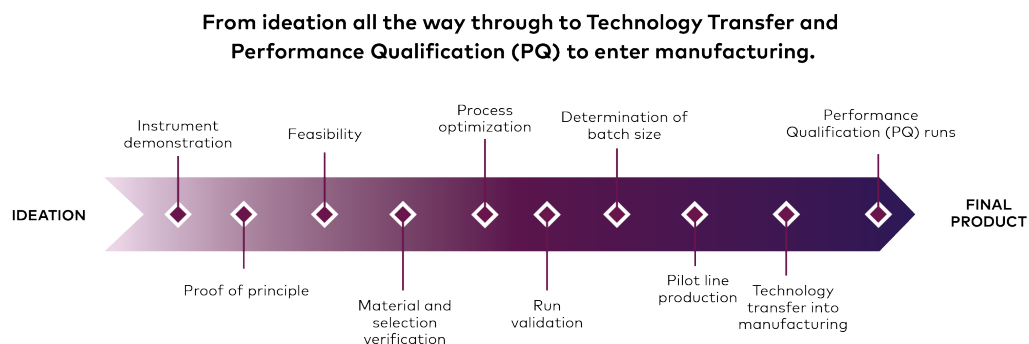
CONTRACT PRINT SERVICES (CPS)

SCIENION offers printing services for batch-to-batch production of diagnostic products. All printing is conducted in a cleanroom, following customer-provided SOPs and training as part of the technology transfer. Printed products meet ISO 9001 standards. No minimum term is required for CPS, and batch requests can be fulfilled at the next available opportunity. CPS time can be purchased in days or cost per unit to suit your application needs. This service is best suited to customers with no fixed forecast for product manufacturing, early-phase pre or post product release.

Complete solutions for your workflow



With 20 years experience in the diagnostic and biotechnology industries, SCIENION is the ideal partner to develop any micro dispensing-based products like biosensor & biochips, Point-of-care devices or lateral flow assays, from concept to high-throughput production. Boasting more than 1,000 square meters of laboratories, cleanrooms, and modern office space, our facilities enable customers to incorporate their own technologies directly into workflows, both up- and downstream of our sciFLEXARRAYER technology. Your processes can be miniaturized, optimized for performance and/or throughput, with a constant focus on cost minimization, quality management and streamline development with analysis carried out on like-for-like platforms, as stipulated by you, with you.



Our cutting-edge microdispensing technology, scientific and technical experts and dedicated facilities, at your service!

Why choose SCIENION?



At SCIENION, we specialize in providing cutting-edge Contract Manufacturing Services for a vast range of diagnostic tests, including handheld point-of-care, lateral flow and in vitro diagnostics (IVD). With a relentless commitment to quality, innovation, and precision, we partner with you to bring your diagnostic solutions to life.



- State-of-the-art facilities equipped with cutting-edge technology for precision manufacturing.
- Printing of various probes such as DNA, proteins, antibodies, glycans, cells and nanoparticles.
- Fully scalable production capacity using proprietary sciFLEXARRAYER technology.



- Precision manufacturing processes to ensure accuracy and consistency
- Flexible production capabilities to accommodate varying project requirements
- Full batch to batch documentation
- Packaging according to customers requirements



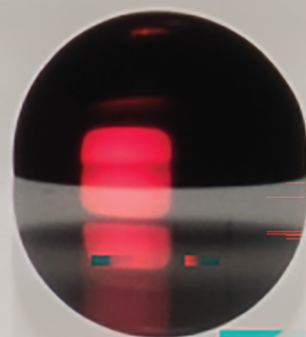
- ISO 9001:2015 Quality Management System
- Stringent quality control at every stage of production (incoming QC, in-process QC, functional QC, outgoing QC) Compliance with industry standards and regulatory requirements
- Retention & reference sample storage

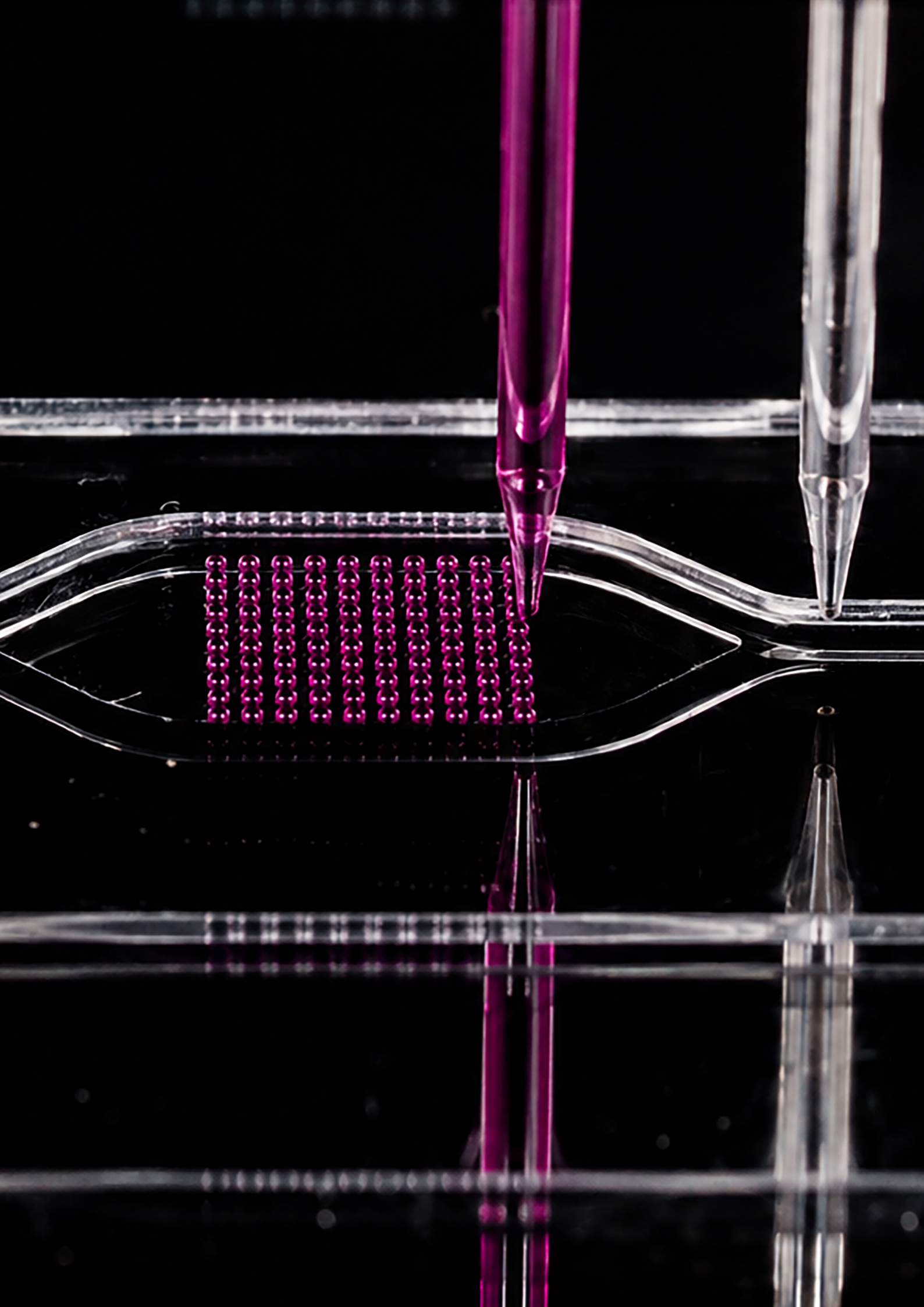


- Robust supply chain solutions to optimize inventory management and logistics
- Strategic partnerships with suppliers to ensure timely delivery of components
- Seamless integration with your supply chain for efficient operations
- Warehousing & temperature controlled storage facilities



- We provide service and applications support for all SCIENION equipment
- In-house maintenance and servicing
- Preventative Maintenance Inspection & up-keep of SCIENION equipment
- All other equipment maintained and certificated to manufacturer' specifications.





About our services

1

Contract Application Services (CAS)

Evaluate the feasibility and compatibility of your application with our technology, taking the initial steps to turn your concept into reality and begin the development and optimization of your product.

- **Flexibility:** use as much or as little of our expertise over a span of 1-5 days (maximum 5 consecutive days) across our sites. If you have already purchased one of our instruments, we can also come to you!
- **Transparency and reliability:** together we can define clear work packages, objectives and the next steps into development, print services or manufacturing.
- **Efficiency:** Services will be scheduled to accommodate your timeline as much as possible to ensure deadlines are met. You are welcome to join us on-site while we conduct your application service.

Our CAS are tailored to your needs and quotations, or cost estimations are available following a call with one of our Applications team.

It will include:

- Application Specialist support,
- sciFLEXARRAYER micro dispensing technology,
- Laboratory space and all consumables,
- Full report and suggested next steps



2

Contract Development Services (CDS)

Millions of devices are manufactured each year on SCIENION equipment that has been custom-built to suit their application. Our CDS are a step-by-step partnership:

- **Flexibility:** use as much or as little of our expertise in the development and optimization of your product and production process.
- **Transparency and reliability:** we can define together clear work packages and stop/go gates.
- **Ability to integrate your own equipment** up- and downstream to create a seamless transfer of both data and process.
- **Efficiency:** product development can be carried out across multiple sites, in the shortest possible time.
- **Control of your production procedures:** all work is carried out in accordance with ISO 9001, all Standard Operating Procedures (SOPs) are transferred to you.

Our CDS are tailored to your needs and cost estimations are available following a call with one of our Applications team members.

It will include:

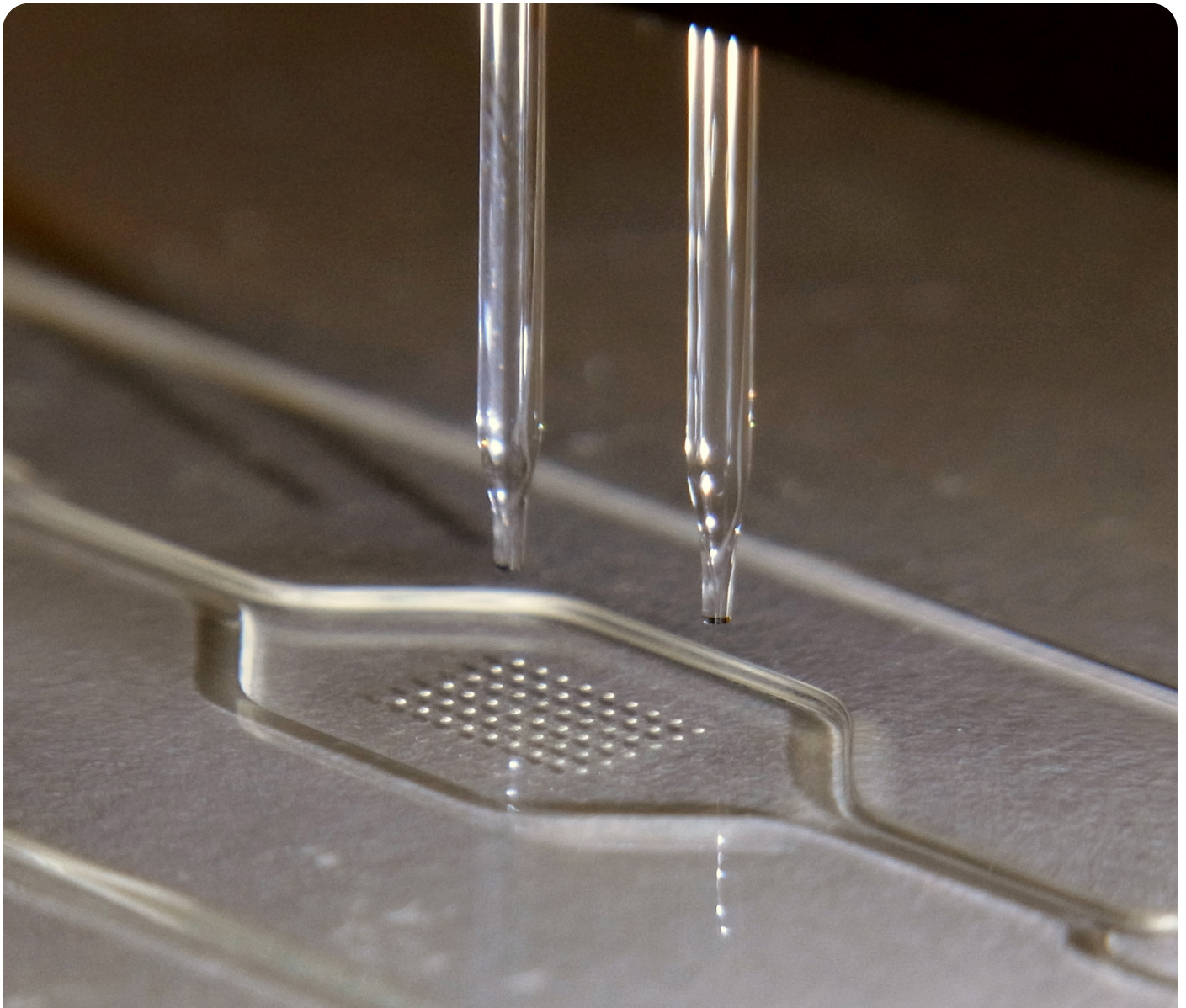
- Application Specialist support,
- sciFLEXARRAYER microdispensing technology,
- Laboratory space and all consumables,
- Reporting and complete data transfer.

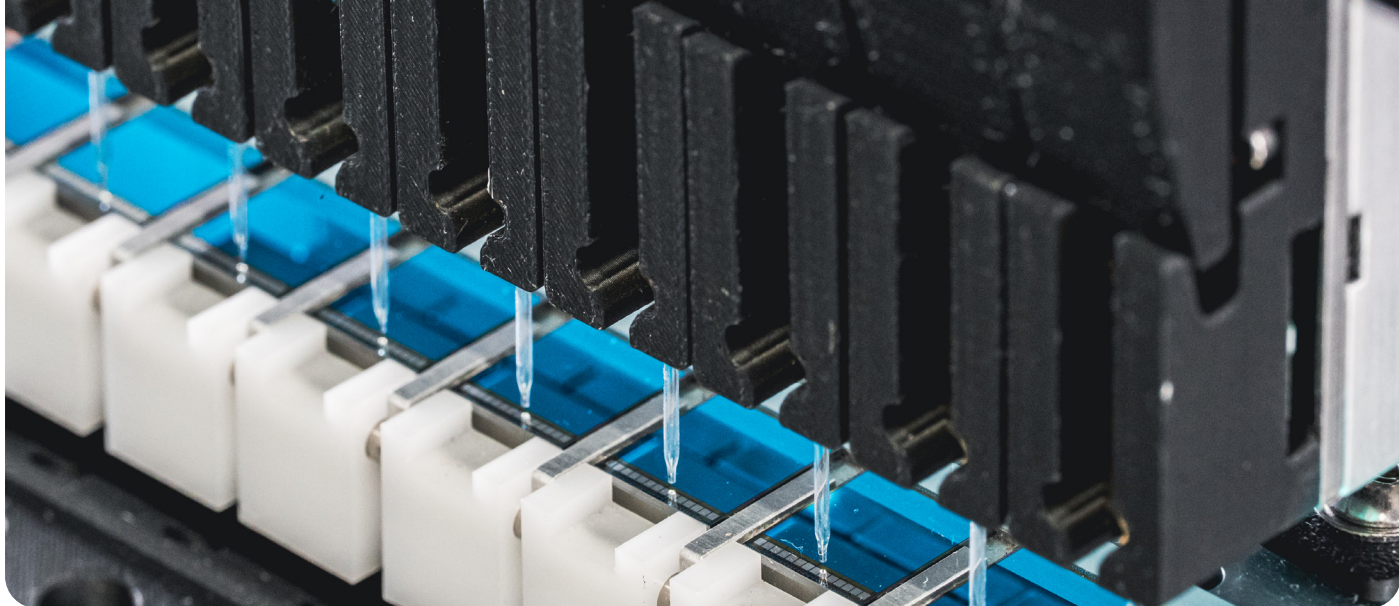
Contract Print Services (CPS)

SCIENION offers ISO 9001 Contract Print Services to produce print batches of customer product in accordance to SOPs and training provided by you as part of the technology transfer.

There is no minimum term required for CPS, batch printing can be ordered at short notice and will be fulfilled at the earliest opportunity.

- **Transparency:** CPS conditions (batch size and frequency, scrap rates, run times etc.), Quality and Supplier Agreements are agreed prior to any manufacture.
- **Efficient technology transfer** into CMS, based on validated SOPs, and possible integration with our CDS offer.
- **Reliability:** All operators receive appropriate training, and our instrumentation is tailored for your product.
- **Full traceability:** all ISO 9001 Quality documentation is monitored by our Quality Department, and we can store sample materials for auditing.





4

Contract Manufacturing Services (CMS)

SCIENION provides manufacturing solutions from low to large scale manufacture and can act as a primary or secondary manufacturing site. We offer high-quality manufacture throughout the process, from supply chain management, receipt of goods, storage, preparation processes, printing processes, post-printing processes, packing and shipment.

To enter CMS, production must run for a minimum 6 month contact and requires a minimum purchase of 10,000 EUR. All SOPs must be frozen prior to entering CMS and PQ runs must be performed before the first manufactured batch production. CMS cost estimations and quotations are provided as costs per unit. All CMS must have Quality and Supply Agreements.

Partnering in CMS with us means:

- **Cost-efficient scalability:** Structured production, reduced downtime and transparent cost-per-unit pricing for predictable budgets and strong ROI.
- **Integrated supply chain:** End-to-end management from sourcing to shipment, supported by quality controls and temperature-controlled logistics.
- **Reliable quality and delivery:** ISO 9001-compliant manufacturing with validated processes, real-time monitoring and continuous QC for consistent quality and on-time delivery.

All CMS will be performed as a standard on our sciFLEXARRAYER SX's. Use of our other sciFLEXARRAYERs can be discussed, if required.

Get into manufacturing as quickly as possible, whilst rapidly driving towards an optimized process, for high-quality products.

For further information on any of services offer, please contact your local sales representative or reach out to us at sales@scienion.com

sciFLEXARRAYER

OUR INSTRUMENTS FOR YOUR PROJECTS

R&D ENTRY LEVEL



S3 NANO A/D

Up to 4 MTPs or 32 standard glass slides

MEDIUM-SCALE BATCH



S12

Up to 12 MTPs or 70 standard glass slides

HIGH-SCALE BATCH



SX

Up to 27 MTPs or 140 standard glass slides

IN-LINE HIGH PRODUCTION



S100

Fully customized

High-Quality Automation

Specialized in modular desktop solutions for the automated production and processing of micro components and medical device products:



Bonding

Laser and ultrasonic welding, gluing and heat sealing



Surface Treatment

Plasma, spray coating, UV curing and dispensing



Drying

Climate chamber, vacuum chamber, temperature and air blow and UV curing



Marking

Printing, labeling and laser marking



Packaging

Pouching, kitting, thermoforming, desiccant, pipette and lancet feeding



Dispensing

Automated pico-to nanoliter, in-line production



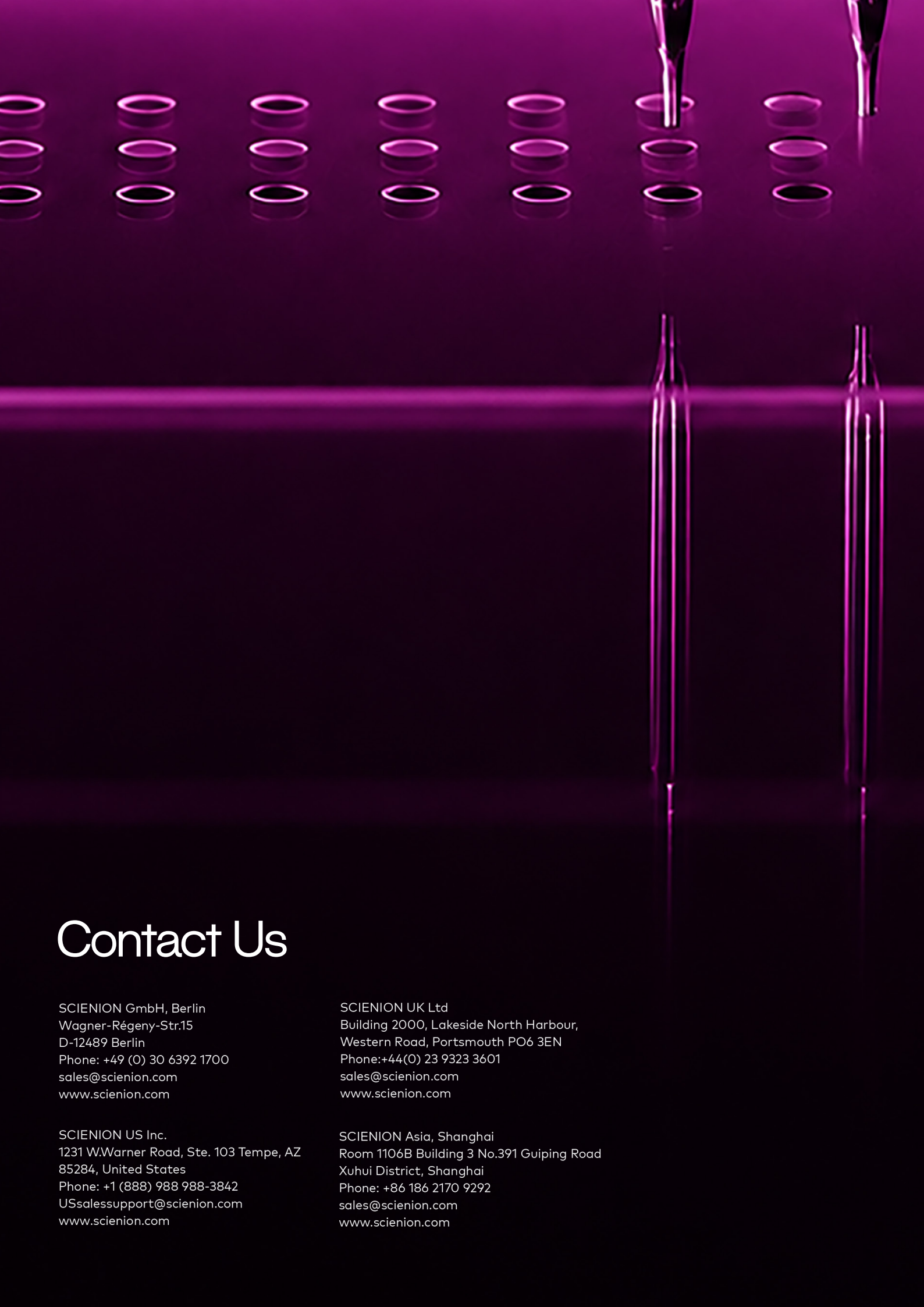
Quality & Process Control

Machine vision, Statistical Process Control and testing



Assembly

Bulk and component feeders, QC and grippers, Xanthia, Robotics modules



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