



# Turnkey process-line solution

We assess, optimize, and scale your design for industrial production with metrics you can rely on



# 3D microfabrication that scales

## From lab inspiration to process line integration

You've seen it before. A promising scientific result sparks a bold idea. As an experienced engineer, though, you know that implementation is what counts. Good ideas are often shelved because the technology isn't ready for the real world. Or so it seems. What if your idea could actually make it to your production line – reliably and efficiently?

That's where we come in. Our turnkey industrial 3D microfabrication solution bridges the gap from feasibility assessment to full-scale manufacturing. Together, we will assess and refine your concept and bring it to life with metrics that matter and results you can count on. Don't leave innovation on the shelf. Let's explore what's possible and make it manufacturable. At scale.

## From concept to high-volume production

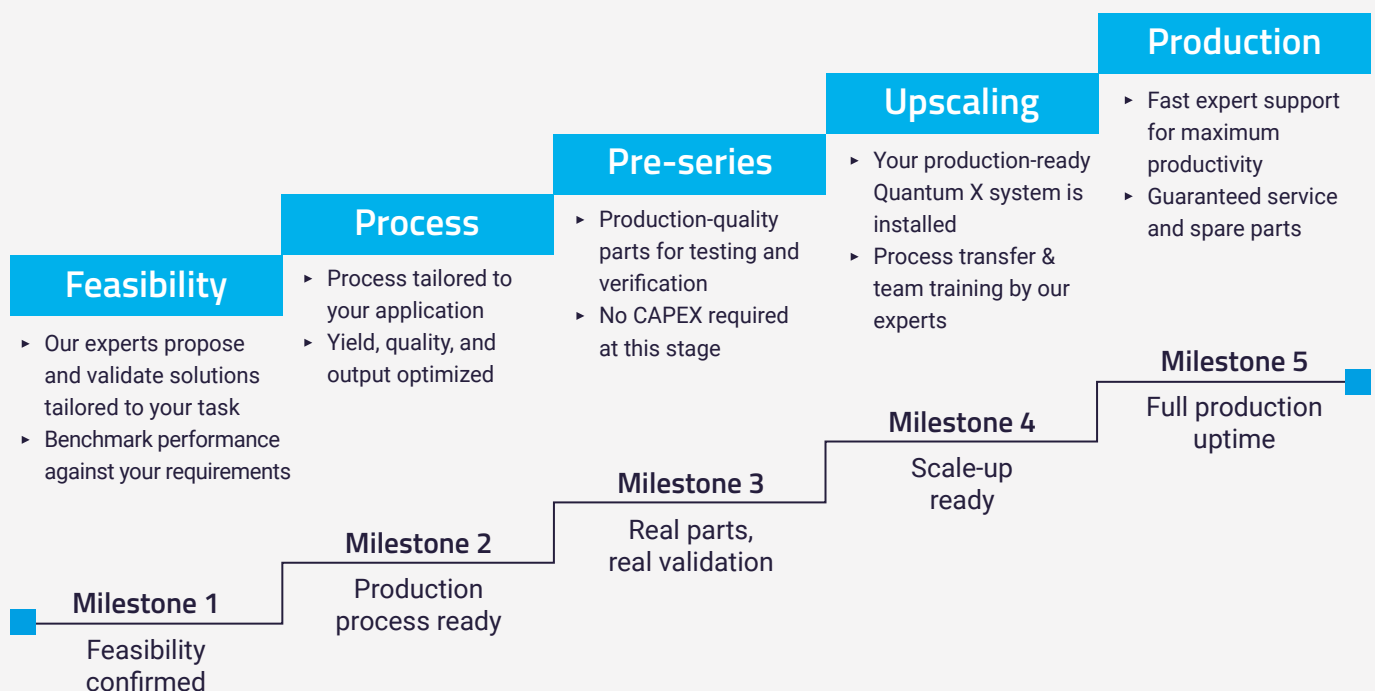
### With expertise, flexibility, and focus on your success

From initial concept to full-scale manufacturing, we support you at every stage with deep technical insight and industry-proven workflows. We validate your idea, assess feasibility, and benchmark performance against your specs. Once confirmed, we bring print time, yield, and part performance into a balanced, production-ready state. To accelerate your ramp-up, we offer pre-series manufacturing while your Quantum X system is being configured and delivered. This allows you to secure parts

for validation at an early stage, and gain valuable time before starting production with your own machine.

Our turnkey process covers all relevant pre- and post-processes, optimized part handling, and robust production workflows – scalable and reproducible. With comprehensive training and ongoing support, your team will be equipped to perform reliable microfabrication from day one.

## Guided path to industrial-scale microfabrication



# Seamless integration into your manufacturing

From wafer-level production to 3D printing on individual substrates such as photonic chips, Nanoscribe's 3D microfabrication technology fits your workflow. We adapt processes to your production environment, across substrate types and scales. With high-precision 3D printing and a flexible configuration, we ensure industrial compatibility where it matters most: in performance, reliability, and throughput.

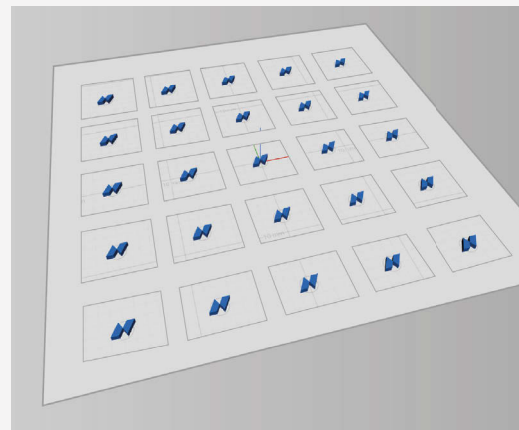
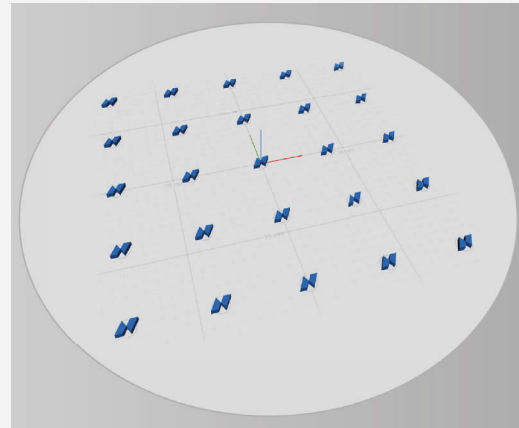
## Solutions driven by expertise

As the pioneer in high-precision 3D microfabrication, Nanoscribe brings unmatched technical insights and process know-how to every project. Our dedicated team of application specialists works closely with you to shape tailored solutions, increase throughput and optimize results – from first concept to full-scale production. With deep experience in industry projects and R&D partnerships, we deliver proven strategies and custom-fit processes that drive your innovation. Bring us your challenge – we'll make it happen.

## Performance you can measure

Everything we offer is built to deliver – reliably, efficiently, and at scale. From enabling breakthrough innovations to reducing your cost per part and maximizing yield and throughput, Nanoscribe solutions are engineered to perform in real-world production. We align every parameter with your performance targets and back our promises with proven technology, industrial know-how, and a deep commitment to measurable results. Because your success is our benchmark – today and in the long run.

The choice is yours:  
Wafer- or chip-level production



## Your path to production – proven, supported, scalable

- ▶ **Evaluate it first**  
Validate feasibility and ROI before investing in microfabrication equipment.
- ▶ **Rely on a holistic approach**  
We deliver complete solutions and consider all pre- and post-processes.
- ▶ **Scale with confidence**  
From single parts to millions – all on an industry-ready platform.
- ▶ **Partner with the market leader**  
Tap into unmatched expertise in high-resolution 3D printing.

## Proven precision. Trusted in industry.

Nanoscribe is the pioneer and market leader in high-precision additive manufacturing. As part of the Lab14 Group, we deliver field-proven systems, scalable workflows, and turnkey solutions for industrial microfabrication. We adapt to your process line – not the other way around. Whether your application requires printing on wafer-level or chip-level substrates, Nanoscribe enables the transition from lab-scale innovation to industrial production. Keep your existing process line. We enhance it with high-resolution 3D printing performance.

Our systems are engineered for long-term stability and robust performance in high-precision manufacturing environments. Proven hardware, reliable processes, and field-tested workflows ensure maximum uptime and throughput. Intuitive software and advanced diagnostics help your team achieve consistent results, minimized error rates, and high yields. With tailored training and expert support in application and service, your operation is enabled and seamless production secured – from day one.

### SERVICE THAT KEEPS YOU RUNNING. WORLDWIDE.

With 17 years of experience in microfabrication as an operating company and a growing team of over 100 professionals, Nanoscribe is committed to providing prompt support and high-quality service. Our multi-lingual support teams across Europe, APAC, and North America ensure expert assistance – wherever and whenever you need it.

What you can count on:

- ▶ Fast response times
- ▶ Guaranteed global spare part supply
- ▶ Guaranteed quick availability of spare parts
- ▶ Reliable long-term support
- ▶ A growing LAB14 Group service network

Our mission: to keep your production up and running



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LET'S TURN YOUR IDEA INTO A PLAN.

# Discover our 3D printers

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Nanoscribe is certified

ISO 9001: Quality Management Systems • ISO 14001: Environmental Management Systems