

A woman with long, curly hair is focused on working on a black electronic device, likely an optical measurement instrument, using a red-handled screwdriver. She is wearing a light-colored button-down shirt. In the background, two men are standing near a large whiteboard, appearing to be in a collaborative work environment. The image has a blue and purple color overlay and is divided by white geometric lines.

DIALUNOX

We develop and produce your
optical measurement instruments

Contract Developer and Manufacturer

Going step by step

From concept to series product manufacturing

It's one thing to have a great product idea. It's quite another to actually embark on the path to transform your vision into flesh and blood. At the end of the day, it is what you do with your idea that makes the difference between daydreaming and launching a successful product. DIALUNOX engineering services can support you in this process by supplying the parts and expertise

to develop a technical idea or prototype into series production. We are an ISO 13485-certified and FDA-approved contract manufacturer with a strong and well-established network of local and international partners that provide sub assembly manufacturing, industrial and UX design and packaging solutions.

Competence Map of DIALUNOX Engineering Services



Mechanical Design

- Rapid prototyping
- Industrial design



System Engineering

- Design FMEA
- User-centric design



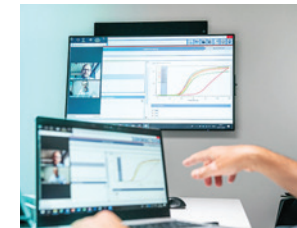
Electronics Development

- Unique firmware
- Scalable design



Optical Engineering

- Optics selection
- Customized detection solutions



Software Development

- Customized Linux OS
- C# / C++ embedded software



Production

- Clean room
- LEAN manufacturing

We offer the advantage of combining research, development and production facility all at one site. The benefits for you as a customer are clear: fast and

transparent communication pathways and minimal effort in project coordination that lets you benefit from short development times and lower costs.



Engineering Services

Contract development and manufacturing organization

DIALUNOX is the right choice if you are looking for optical detection solutions in a wide range of applications, including environmental analysis, in-vitro and life-science diagnostics, industrial analysis, and many others. Our small portable measurement devices include highly sensitive optical detection modules with short development times and lower costs.

Optical platform technologies

Ideal starting point for your project

Our small portable measurement devices feature a number of optical solutions such as **fluorescence detection**, **camera-based solutions**, **laser or spectroscopy**. We can provide your own customized reader version based on the already available and ready-to-use proven robust systems.



Lateral Flow Readers
(colorimetric and /or fluorescence)

Camera technology
Image Recognition



Integrated Systems
(sample preparation + qPCR)

Ultra fast heating & cooling cycles
Vacuum technology



Isothermal Amplification Readers
Homogeneous temperature control
Different wavelength combinations



Fluorescence Detection Modules
Fast readout (10 kHz)
2 independent wavelengths per module

Whatever your question – our answer is "Light to Insight"

Together we can transform your splendid idea into a successful product

DIALUNOX at a Glance

Know-How

More than 20 years of experience
in fluorescence detection

Success

Solid growth in sales and staff
over past 10 years

Experience

More than 25,000
built devices

Ready for Future

High order backlog for
a secure future

Responsibility

Reliable values and high sense of responsibility
towards customers and employees

Reliable Values

Engineering Art
"Made in Germany"

Please contact us for more information.

DIALUNOX

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