

Laser R&D Engineer

Are you motivated by taking on big technological challenges as part of a passionate team? Are you ready to join Denmark's leading photonics start-up? Then you might be our new R&D engineer.

ABOUT NORLASE

Norlase is one of the most successful Danish university spin-outs in recent years, with more than 25 million DKK in funding and several industry-leading customers. Norlase was founded in 2014 by an international group of expert photonics entrepreneurs, researchers and top-executives. Collectively, the founding team has been behind more than 7 B DKK worth of exits in the photonics industry.

We market a whole new type of high-power visible laser for medical eye-treatments, based on semiconductor technology. This has a range of advantages, including record-breaking efficiency, near-perfect beam quality and the ability to produce sought-after yellow wavelengths. All this is done in a very compact package, with the production scalability advantages related to semiconductor technology. Together with our customers, we are on a mission to revolutionize medical laser markets.

THE JOB

As laser R&D engineer, you will be a key part of the continued development of our technology. The job will include:

- Spearheading new development projects,
- Maturing our existing products,
- Support integration of Norlase lasers into end-user medical devices,
- Support production scaling and improvement of laser assembly processes.

You will collaborate closely with Lead Engineer Danny Noordegraaf and report directly to CEO and founder Peter M. W. Skovgaard.

PROFILE AND EXPERIENCE

The selected candidate will have a photonics background and preferably industrial experience from a strong, innovative environment. A deep understanding of lasers and photonics is a must. You will be working with some of the sharpest minds in the field and must be a quick learner with a very high drive. What we want to achieve pushes the limits of technology, but the potential is huge – we therefore need people who are motivated by taking on big challenges and making a difference. Your background can be a M.Sc. in Engineering or similar.

Need to have	Nice to have
Laser experience – preferably diode lasers	Design experience: mechanical (CAD), optical (Zemax)
Experience with product development	GUI and control electronics development experience
Experience with laser assembly and characterization	Experience with medical device development
Fluent in English, good communication skills	Design-for-manufacturing expertise
Flexible, adaptive, pragmatic and a very high drive	Data collection/Matlab/C++/Labview

TASKS AND RESPONSIBILITIES

R&D

- Development of customer-specific laser solutions
- Maturation and expansion of production line
- Development and documentation of test procedures

Production

- Laser assembly and improvement of assembly process
- Documentation of production procedures

APPLICATION

Send your application and resume to Peter M. W. Skovgaard at pmws@norlase.com. If you need further information, feel free to call our office at +45 9397 7472. **Application deadline: Oct 10th, 2016.**