

# OEM Custom Design

HIGHLY INTEGRATED LASER AND SPECTROSCOPY SYSTEMS FOR INDUSTRIAL APPLICATIONS AND DEVICE INTEGRATION



Hand-held optical test devices including light sources and spectrometer



Combined optical assembly with spectrometer and two temperature-controlled lasers

Our specialty is integration: with over 10 years of experience in creating miniaturized laser modules and spectrometers, we design and produce photonic systems with extraordinary compact designs and high-end technical features. The driving force behind our success is the desire to create products that not only take full advantage of today's technologies, but also push the limits of miniaturization in photonics even further.

RGB Photonics offers a wide variety of laser modules and spectrometers suitable for a large range of applications. Our lasers feature excellent beam quality and wavelength stability, exceptional reliability and an impressive cost/performance ratio. Our compact spectrometers offer technical characteristics that you would normally expect only in much larger devices. This expertise puts us in the unique position to offer custom-designed photonic solutions that combine lasers and spectrometers for light creation and detection in applications where space is limited, like hand-held Raman analysis devices.

Do not hesitate to contact us to discuss your requirements and possible solutions. Our dedicated engineering and production teams include highly qualified experts from all relevant fields working closely with our OEM partners to provide flexible, reliable and cost-efficient solutions.

## Applications



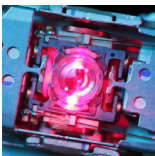
Chemical analysis



Raman spectroscopy



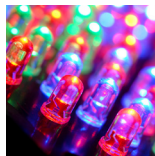
Forensic analysis



System integration



Process control

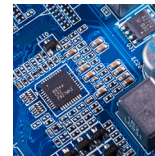


Light analysis

## Services



Optics



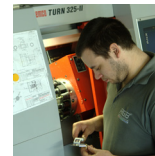
Electronics



Software



Mechanics



Production



Quality assurance