

Lumics GmbH Berlin introduces a new device for direct diode industrial applications like **soldering, engraving, plastic welding: 150W from 200µm NA 0.22 fiber.**



For fast and smooth system integration this diode laser is turn key, including power supply and an advanced laser driver. A terminal program and LabVIEW drivers are ideal for prototype machines, the design engineer can concentrate on process development. Continuous mode or pulse applications below 20µsec can be performed.

Of course, those lasers can be used for pump-applications Yb, Tm, thin disc. We offer an integrated TEC (peltier) system or water cooling for temperature tuning and stabilization as well.

Using multi-wavelength like 915nm and 980nm in combination much higher power levels up to >500W can be achieved, either fiber based or free beam. Lumics offers various beam shaping technologies for example homogenized line beams. We are building our laser sources and optics exactly to our customer's specifications.

Lumics GmbH, Berlin is specialized in the manufacturing of high performance semiconductor laser components and subsystems.

For more information, please visit the [Diode Laser System](#) section on our website www.lumics.com.

We are looking forward to working with you.

Your ideas are welcome.