



Optics – Thermics – Mechanics

**Development and production
from a sole supplier**

We develop as OEM:

- Laser technics
- Medical devices
- Cooling devices
- Automation solutions

Contract manufacturing:

- Milling
- Turning
- Bonding
- Assembling

Current Projects:

- Device for Phototherapy
 - Ultrasonic device
- Implementation of an additional beam and monitoring as an external device for Diodelaser

Closed Projects:

- Local cooling in the brain at a 300µm-spot
 - bonding apparatus for optics
 - Diode Lasersystems
 - Cooling for Diodelasers
 - ophtalmological Lasersystem
- Sound absorber for medical technology (93 to 45dB reached)
- thermal optimization of a disc laser
- Development of a customer specific TEC to be used in outer space

JenMechanik=

Optics

+ Thermics

+ Mechanics

= short lead terms

JenMechanik=

Contract development,

+ Simulations

+ Visualisization

+ Prototyping, Manufacturing,
Assembling

= from a sole supplier



Why JenMechanik?

Development, mechanical design, simulation, manufacturing and assembling from a single company. This enables short response times. The correct documentation is not created until after the development is done completely. Changes can be integrated in a short term. Often no drawing is required as a simple sketch will do as well.