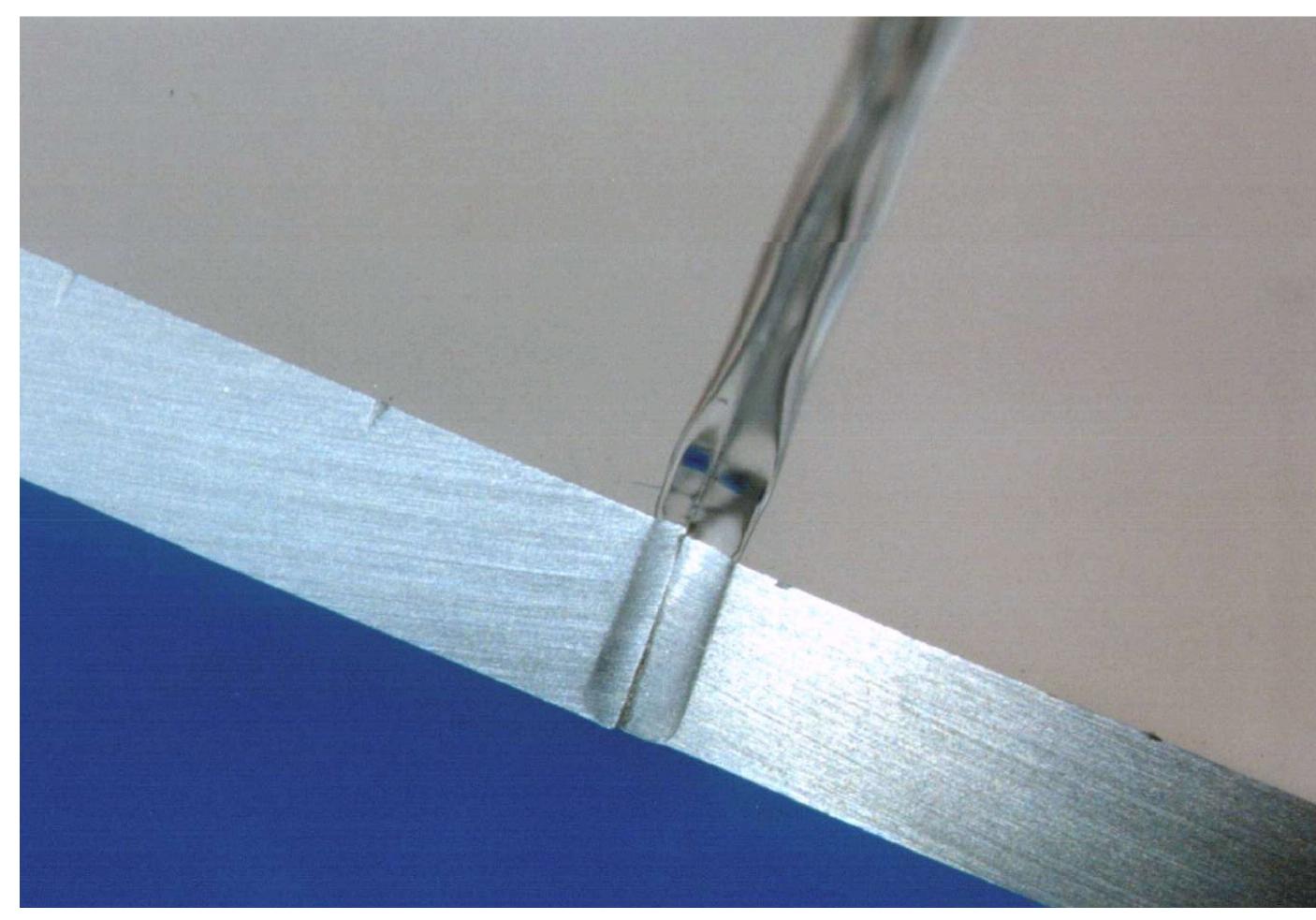


## Welding of transparent plastics

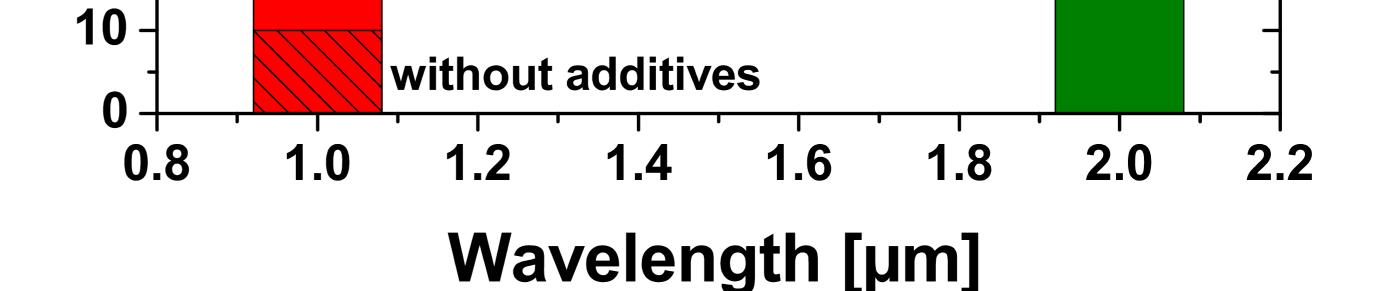
patented technology



patented by LISA laser products OHG

- precise laser transmission welding - clear-to-clear plastic welding 100 **Absorption of 2 mm Plexiglas (PMMA)** 90 -80 · ' without additives ption **60** -**50** Absor 40 30 20

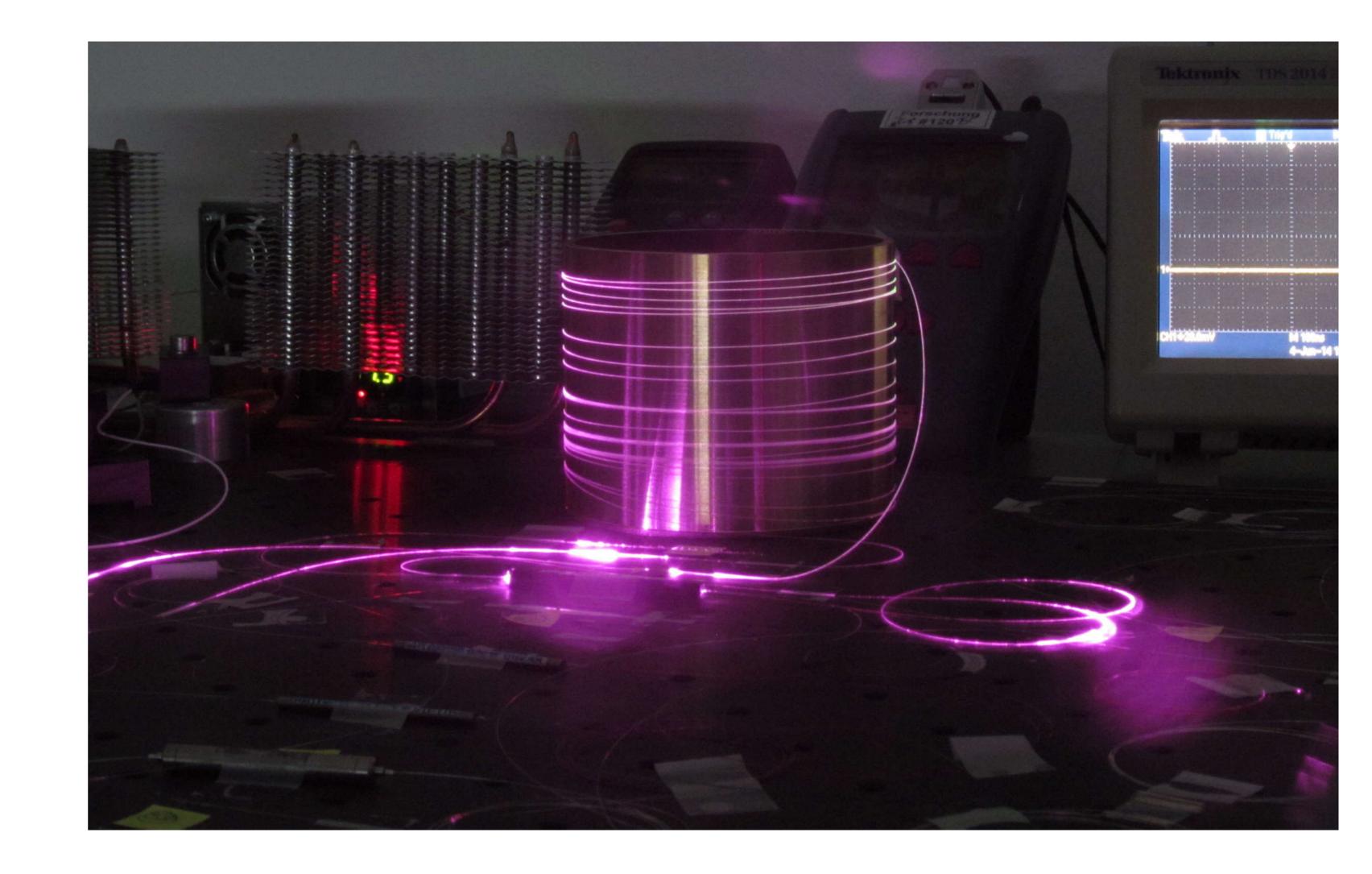
with additives



## Pumping of infrared lasers

## utilization as pump source

- supercontinuum generation
- Raman laser
- doped mid-IR crystals





Cr:ZnSe

Ho:YAG