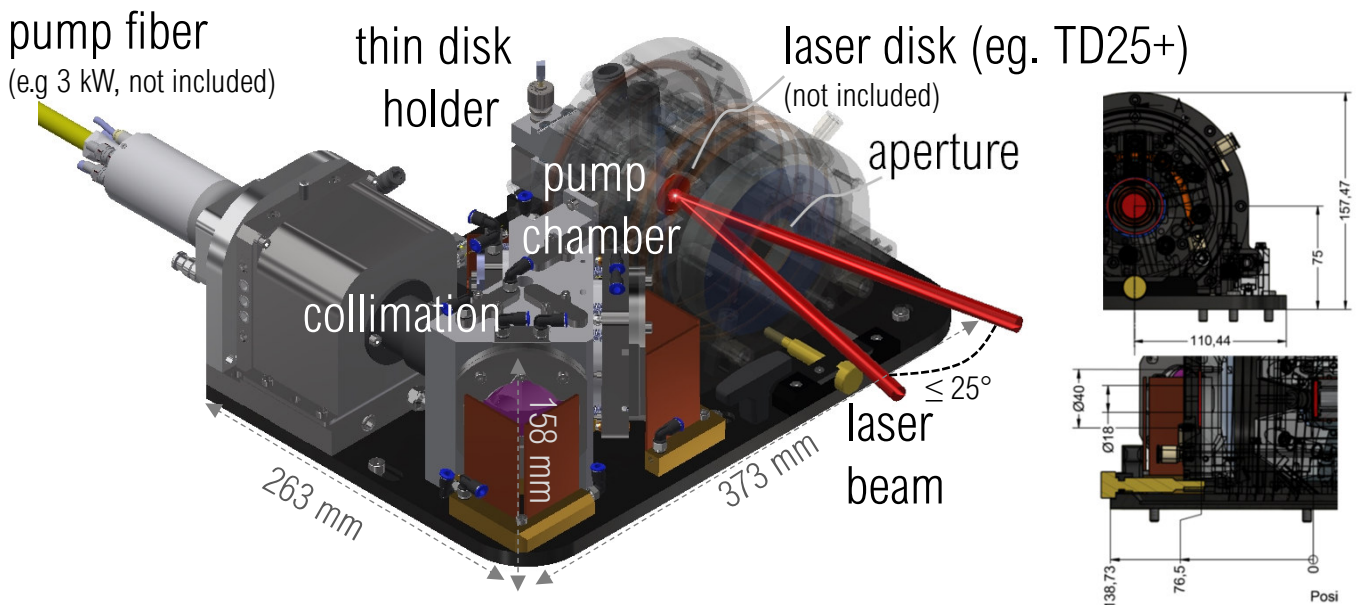


Thin Disk Pump Optics – TDM 3



- ▶ for thin disk laser media with a pump spot diameter of up to ≈ 20 mm
- ▶ pump chamber for 48 passes of pump light through disk
- ▶ maximum allowable pump power 3 kW
- ▶ water cooled and except of aperture sealed frame and optics (optionally vacuum-sealed)
- ▶ water cooled, astigmatism-compensated and exchangeable collimation optics (not shown)
- ▶ water cooled and adjustable (angle and position) disk holder
- ▶ completely enclosed beam
- ▶ mini-clean room environment: overpressure prevents dust from entering
- ▶ sensors: damage detection of optics + NTC + SHT21 + water flow rate
- ▶ basic self status check, interface via CAN BUS
- ▶ prepared for V-module (double pass configuration)

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a) please check our website for dimensions (incl. STEP file)
b) patents EP 1 252 687 & EP 1 103 090, co-inventor Dr. Giesen, licenced to D+G



contact • Dausinger + Giesen GmbH
Rotebühlstrasse 87
70178 Stuttgart
Germany

phone • +49 (0)711 907060-550
fax • +49 (0)711 907060-99
email • info@dausinger-giesen.de
internet • www.dausinger-giesen.de