

VaryDisk NANO 1000 MM

performance meets versatility....



NANO

nanosecond laser system
with high average output
power and low complexity

FEATURES

- **customizable** output parameters
- robust design
- **1000 W** average power
- pulse durations ≤ 30 ns
- pulse energy up to **100 mJ**
- repetition rates 10 kHz
- beam quality $M^2 < 20$, multimode
- **1030 nm**, < 0.5 nm bandwidth
- energy stability < 3 % RMS
- power stability < 1 % RMS
- customizable interface

ADDITIONAL OPTIONS

- pulse picker
- Scanner
- SHG
- THG

DIMENSIONS/WEIGHT

All data given here are approximate, since nearly every laser is unique with respect to our customers requests (including the specifications given here):

- laser head approx. 400 kg
(80 x 90 x 45) cm³ without optional modules
- rack approx. 200 kg, (100 x 80 x 56) cm³
- connection rack - laser head: 4 m
- chiller up to 250 kg, (60 x 58 x 155) cm³

OPERATING CONDITIONS

- power supply 3 phases 380 V, 50 Hz + N + ground, CEE 32 A plug
- power consumption $< 4 \dots 6$ kW
- water connection barbed fittings for tubing 13 or 16 mm inner diameter
- water flow 15 l/min @ 12 °C – 25 °C
- water quality filtered 80 μ m recommended, low chlorine concentration (< 200 mg/l)
- 20 – 25 °C operating temperature, low humidity

 **DAUSINGER+**
GIESEN GMBH



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