



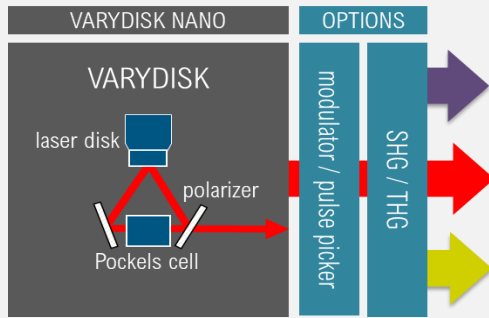
# VaryDisk N1000 (c/i)

performance meets versatility....

## NANO

### FEATURES

- robust design
- **customizable** output parameters
- **1000 W** average power
- pulse duration  $\leq 30$  ns
- pulse energy up to **100 mJ**
- repetition rate: 10 kHz
- beam quality  $M^2 < 20$ , multimode
- **1030 nm**,  $< 0.3$  nm bandwidth
- energy stability  $< 3$  % RMS
- power stability  $< 1$  % RMS
- 20 min warm-up
- customizable network Interface



### ADDITIONAL OPTIONS

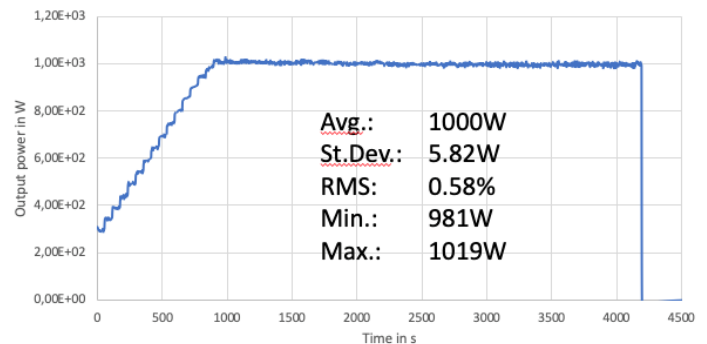
- modulator / pulse picker
- SHG, THG
- multiple pulse train (switchable pulse durations from pulse to pulse)
- variable repetition rate

### DIMENSIONS/WEIGHT \*subject to change

- (c) laser head  $\approx 450$  kg,  $(80 \times 90 \times 54)$  cm<sup>3</sup>
- (i) laser head\*  $\approx 200$  kg,  $(65 \times 65 \times 50)$  cm<sup>3</sup> \*TBA
- rack  $\approx 300$  kg,  $(100 \times 80 \times 56)$  cm<sup>3</sup>
- connection rack - laser head: 4 m
- chiller  $\approx 250$  kg,  $(60 \times 58 \times 155)$  cm<sup>3</sup>

### OPERATING CONDITIONS

- 380 V, 50 Hz + N + ground, CEE 32 A plug
- power consumption  $< 4 \dots 6$  kW
- cooling water 15 l/min @ 12 °C – 25 °C
- 20 – 25 °C operating temperature
- low humidity



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