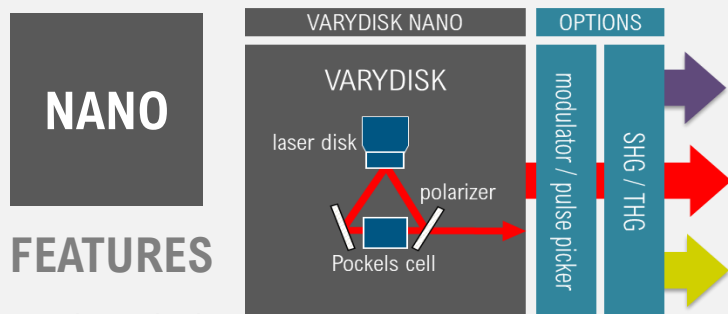




VaryDisk N1000^(c/i)

performance meets versatility....



FEATURES

- robust design
- **customizable** output parameters
- **1000 W** average power
- pulse duration ≤ 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

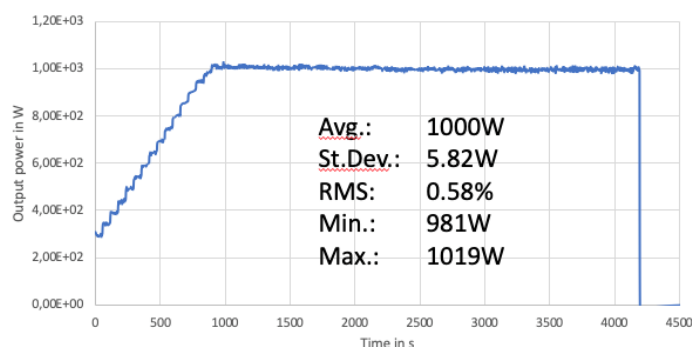
DIMENSIONS/WEIGHT ^{*subject to change}

- (c) laser head ≈ 450 kg, $(80 \times 90 \times 54)$ cm³
- (i) laser head* ≈ 200 kg, $(65 \times 65 \times 50)$ cm³
- rack ≈ 300 kg, $(100 \times 80 \times 56)$ cm³
- connection rack - laser head: 4 m
- chiller ≈ 250 kg, $(60 \times 58 \times 155)$ cm³

***TBA**

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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