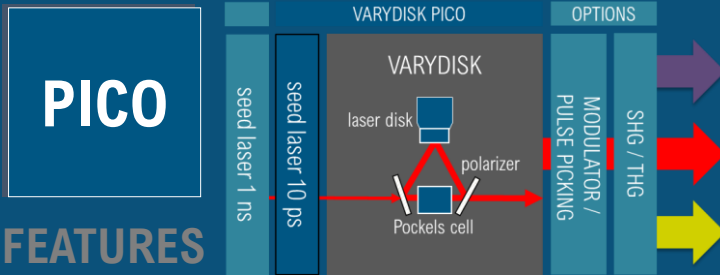




VaryDisk P500 ^(c/i)

performance meets versatility....



FEATURES

- robust design
- **customizable** output parameters
- up to **500 W** average power @ **1030 nm**
- pulse duration^{a)}: **10 ps**
- pulse energy^{b)}: **4 mJ**
- repetition rate: **125 kHz**
- high beam quality: $M^2 < 1.3$
- energy stability < 3 % RMS
- power stability < 1 % RMS
- customizable network Interface
- 20 min warm-up

ADDITIONAL OPTIONS

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

a) depends on choice of seed laser
 b) max. pulse energy scales with output pulse duration

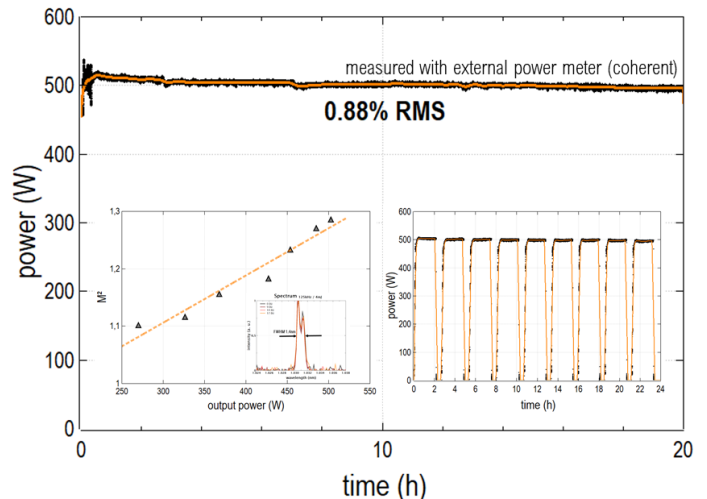
DIMENSIONS/WEIGHT ^{*subject to change}

- laser head (c) \approx 700 kg, (120 x 90 x 54) cm³
- laser head* (i) \approx 200 kg, (65 x 65 x 50) cm³
- rack \approx 300 kg, (100 x 80 x 56) cm³
- connection rack - laser head: 4 m
- chiller \approx 250 kg, (60 x 58 x 155) cm³

***coming soon**

OPERATING CONDITIONS

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



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