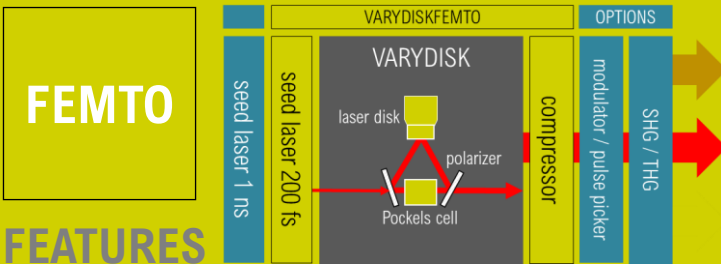


# VaryDisk F240 <sup>(c/i)</sup>

performance meets versatility....



## FEATURES

- robust design
- **customizable** output parameters
- up to **240 W** average power @ **1030 nm**
- pulse duration adjustable: 2 ps < ... < 500 fs<sup>a)</sup>
- pulse energy up to **1 mJ ... 2 mJ\***
- high beam quality ( $M^2 < 1.4$ )
- energy stability < 3 % RMS
- power stability < **1 % RMS**
- customizable network Interface
- 20 min warm-up

*\*coming soon*

## ADDITIONAL OPTIONS

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

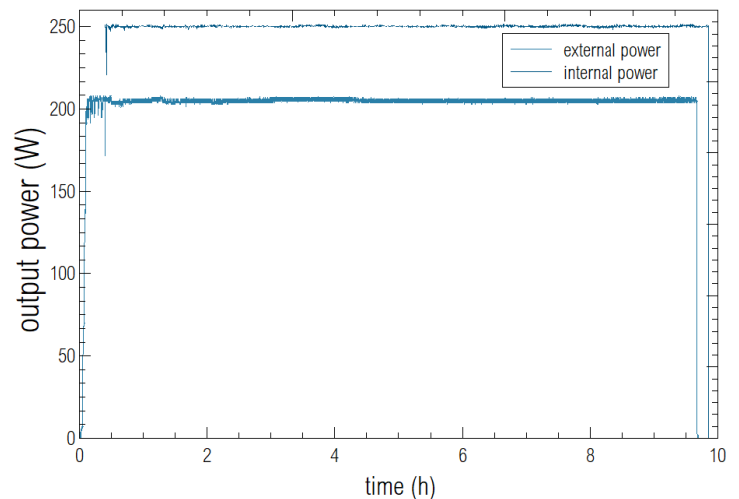
a) shortest pulse duration scales inversely with pulse energy

## DIMENSIONS/WEIGHT <sup>\*subject to change</sup>

- (c) laser head  $\approx$  250 kg, (80 x 110 x 45) cm<sup>3</sup>
- (i) laser head\*  $\approx$  250 kg, (85 x 65 x 50) cm<sup>3</sup> *\*TBA*
- rack  $\approx$  300 kg, (100 x 80 x 56) cm<sup>3</sup>
- connection rack - laser head: 4 m
- chiller  $\approx$  250 kg, (60 x 58 x 155) cm<sup>3</sup>

## 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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