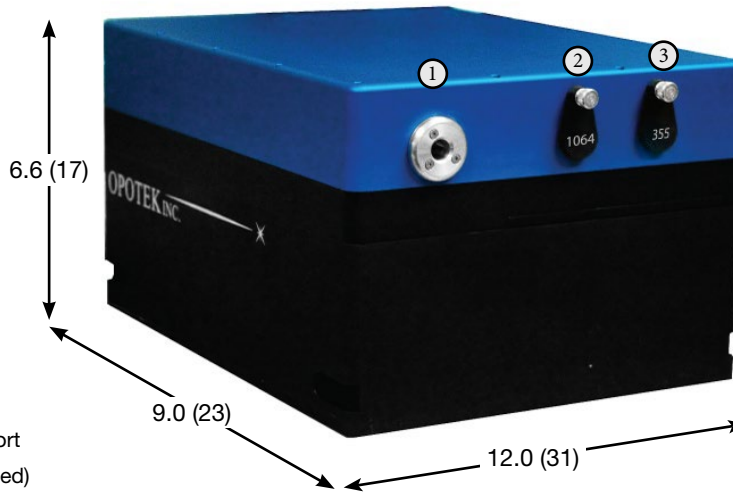




Compact DPSS MIR Tunable Laser System

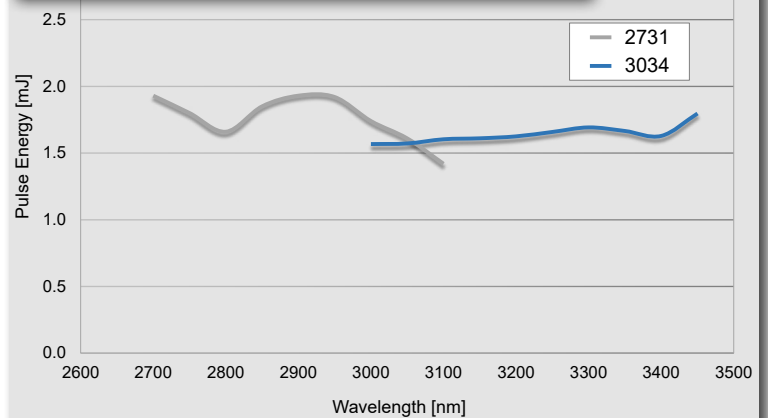


Approximate Dimensions: in (cm)
Approximate Weight: 30 lbs (13.6 kg)

Features

- diode-pumped-solid-state (DPSS)
- all-in-one compact design
- entire system hermetically sealed
- includes pump beam access
- software development kit (SDK) available
- no installation needed
- over 1 billion pulse diode lifetime
- hands-free, pc-controlled tuning (SCAN/BURST)
- optional motorized variable attenuator
- externally triggerable

OPO Range (2700 - 3100 nm; 3000 - 3450)*



*Tuning curves represent nominal values.

Specifications

100 Hz Repetition Rate
9 ns Pulse Length (FWHM)
3 mm Beam Diameter
4 - 7 cm^{-1} Linewidth
Linearly Polarized

Power Supply**
18 in (46 cm) x 19 (48) x 3.5 (9)
Weight: 29 lbs (13.2 kg)

Control Electronics**
11.5 in (29 cm) x 10.3 (26) x 3.8 (9.5)
Weight 5 lbs (2.3 kg)

Cooling Unit**
7.5 in (19 cm) x 5 (12.7) x 7 (17.8)
Weight: 8 lbs (3.63 kg)
Closed-cycle Water Cooled

** Universal Line Voltage

