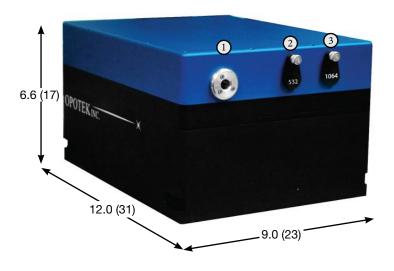


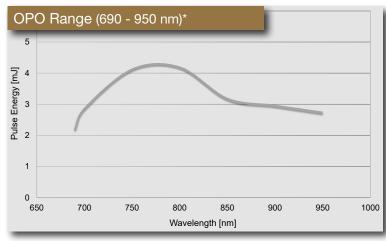


# Phocus HR Mini

# Ultra Compact DPSS Tunable Photoacoustic Imaging Source



- Approx. Dimensions: in (cm)
  Approx. Weight: 30 lbs (13.6 kg)
- 1 All tunable beams exit a single port
- 2 Residual 532 nm access (included)
- 3 Residual 1064 nm access (optional)



\*Tuning curves represent nominal values.

#### **Features**

- diode-pumped-solid-state (DPSS)
- · high pump-to-OPO conversion efficiency
- · turn-key operation and minimal maintenance
- all-in-one streamlined design for OEM integration
- entire system hermetically sealed
- software development kit (SDK) available
- · over 1 billion pulse diode lifetime
- hands-free, pc-controlled tuning (SCAN/BURST)
- optional access to idler (1200 2400 nm)
- externally triggerable

## **Options**

#### Fiber Delivery Kit

Includes 2.5 m long, 1 mm diameter optical fiber with 0.22 NA, focusing/ imaging optics/mounts and SMA on input/ output connectors

#### Motorized Variable Attenuator

Optically vary the OPO pulse energy from 0 - 100 % (reduces max OPO energy output).

#### <u>Wavemeter</u>

Real-time wavelength monitoring, closed loop tuning, motorized harmonics, harmonics auto-optimization

# Specifications

100 Hz Repetition Rate 9 ns Pulse Length (FWHM) 3 mm Beam Diameter 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 in (17.8 cm) x 5 (12.7) x 7.5 (191) Weight: 8 lbs (3.63 kg) Closed-cycle water cooled

\*\* Universal Line Voltage



Rev 1003d1015

All specifications are subject to change due to ongoing product improvements.