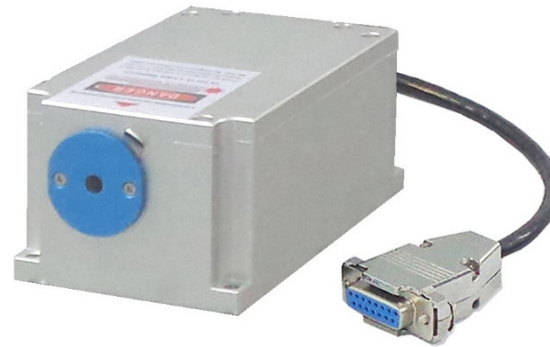


ZFA-V-400

LONG COHERENT LENGTH DIODE LASER AT 400nm



Phanos Scientific
office@phanosci.com
www.phanosci.com



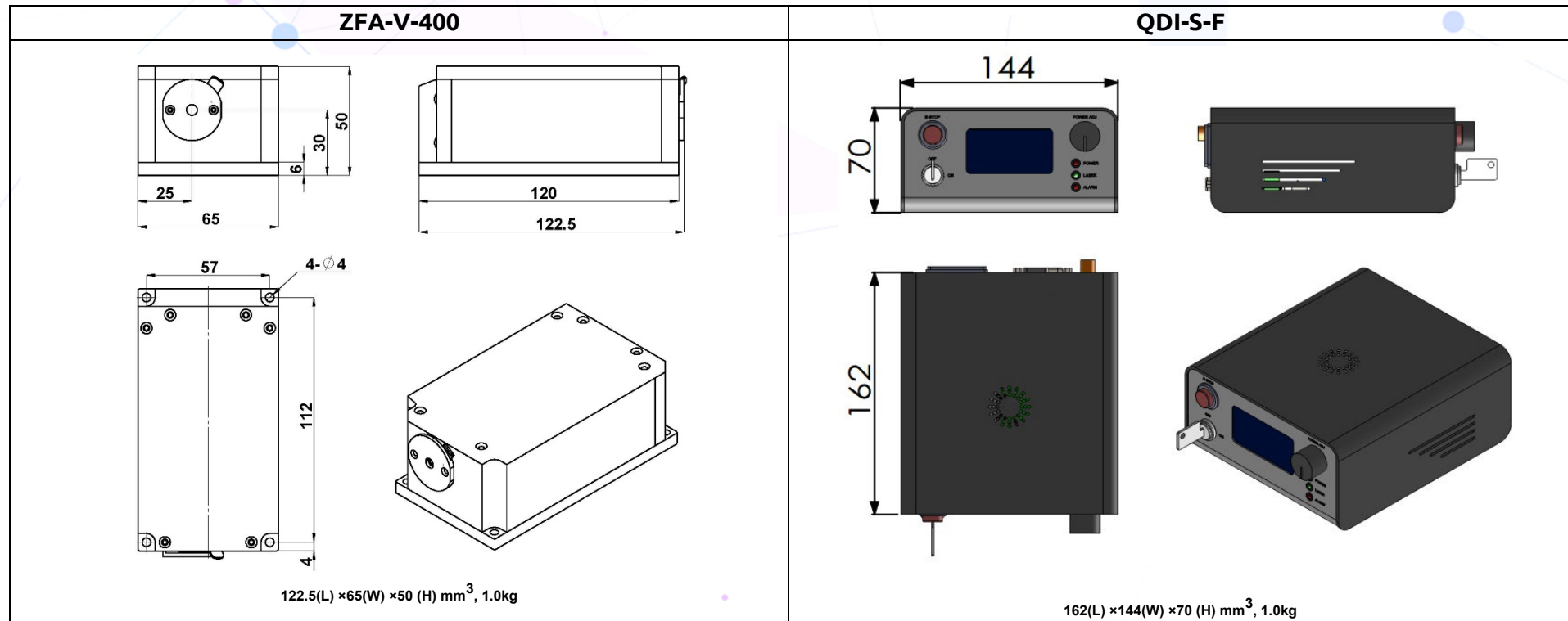
WE BRING TOMORROW'S
TECHNOLOGY. TODAY!

Central wavelength (nm)	400±1
Operating mode	CW
Output power (mW)	>1, 10, 20,...,50
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Transverse mode	Near TEM ₀₀
Coherent length (m)	>1
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	~1.3
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Beam height from base plate (mm)	30
Operating temperature (°C)	20~30
Power supply (100-240VAC)	QDI-S-F
Expected lifetime (hours)	10000
Warranty	1 year

Product Drawings | ZFA-V-400

LONG COHERENT LENGTH DIODE LASER

It features a long coherence length, stable wavelength, extended operational lifetime, and ease of use. Such lasers are widely employed in applications including holography, interferometry, fluorescence analysis, photolithography, flow cytometry, DNA sequencing, Raman spectroscopy, laser radar (LIDAR), and precision metrology.



Note:
Specifications subject to change without notice.