

Eye-safe and compact laser _ ES-3.0

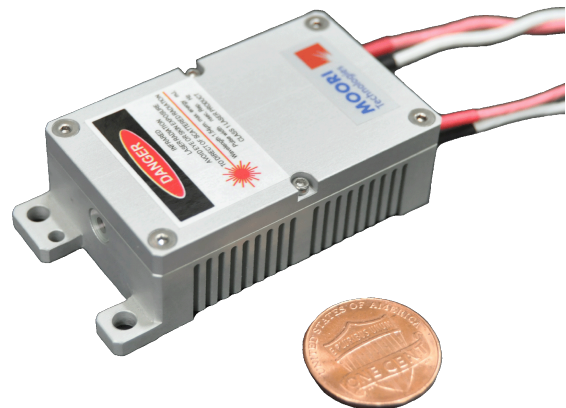


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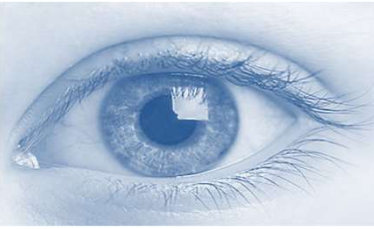
Diode Pumped
Eye-Safe Laser,
3.0mJ, 10ns

Features

- Eye-safe
- Diode-pumped
- High efficiency
- High Stability
- Excellent beam quality
- Passively Q-switched
- Wide operating temp. range
- Sensor included (optional)



MOORI
Technologies 



ES-3.0

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Applications

- Laser Range Finding
- 3-D Laser Mapping/Imagery
- Pollution monitoring
- Vehicle collision avoidance
- Bio/Medical application
- Military application

Technical Data

Laser type	Er,Yb:glass
Wavelength	1535nm
Laser Energy	2.8mJ (minimum)
Output Pulse width	~10ns
Raw Beam Diameter	~0.6mm
Beam Divergence	~6mrad
Pulse Repetition rate	1Hz

Other Information

Laser Dimensions	62.0mm × 30.5mm × 16.5mm
Laser Weigh	<55g
Electrical Requirements	100A, 2V, <3ms
Integrated Photodiode	Yes

Environmental Performance

Operational Temperature	-32 to +60°C
Storage Temperature	-40 to +71°C
Applicable Standards	MIL-STD-810G