Lotis Tii

/// Nd:YAG Lasers



Compact Nd:YAG Q-Switched laser $LS\mbox{-}2131M$

Compact laser are specially designed *for integration into the systems with weight and dimension limit.*

Main features:

- Compact design with high reliability
- Integrated power supply and cooling system
- with water-to-air heat exchanger
- Wide choice of operating modes: repetition rate,
- output energy, harmonics availability, etc
- Long term thermal and mechanical stability
- Thermo stabilized Q-switch and
- Second Harmonic Generator
- Integrated output energy monitor (at 1064 nm)
- Ideal OEM laser source

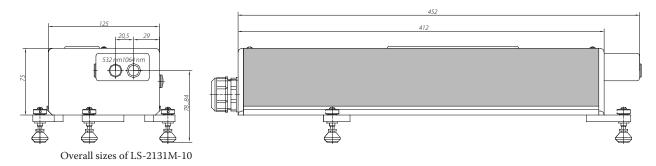
Specifications¹

Model	LS-2131M-10	LS-2131M-20	LS-2131M-F
Energy, mJ 1064 nm	200	190	-
532 nm	125	120	120
355 nm	30 ²	30 ²	-
266 nm	35 ²	30 ²	35/30
Pulse duration (FWHM), ns	7-9	7-9	7-9
Pulse repetition rate, Hz	10	20	10/20
Beam divergence, mrad (full angle for 86% of energy)	≤1.5		
Beam diameter, mm	5		
Jitter ³ ,ns	±1.0		
Energy stability 1064 nm (rms), %	1.5		
Size LxWxH, mm (Weight, kg)			
Laser Head	452x125x75 (5.0)		542x125x81 (7.0)
Power and Cooling Supply	391x364x280 (20.0)		391x364x280 (20.0)
Remote Control	105x175 (0.5)		105x175 (0.5)
Power requirements	Single Phase, 220±20V, 50/60 Hz, 650 W		

¹All specifications are subject to change without notice

² With external harmonics assembly

³ With respect to external trigger of Q-switch



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