

# BH9206-80 Air-cooled Nanosecond DPSS Laser Head

Technical Specifications V1.00

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 UC INSTRUMENTS CORP.

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# BH9206-80 Air-cooled Nanosecond DPSS Laser Head

The BH9206-80 laser series is a compact, air-cooled nanosecond DPSS laser designed for industrial, scientific and military applications. Utilizing diode pumped, air-cooled technologies, the BH9206-80 is capable of producing 80mJ at 1064nm with repetitions rates up to 30Hz with a 6ns pulse width.

## Features

- Air cooling without maintenance
- Portable design and easy to assemble
- Suitable for outdoor applications
- Energy up to 80mJ
- Battery powered (optional)

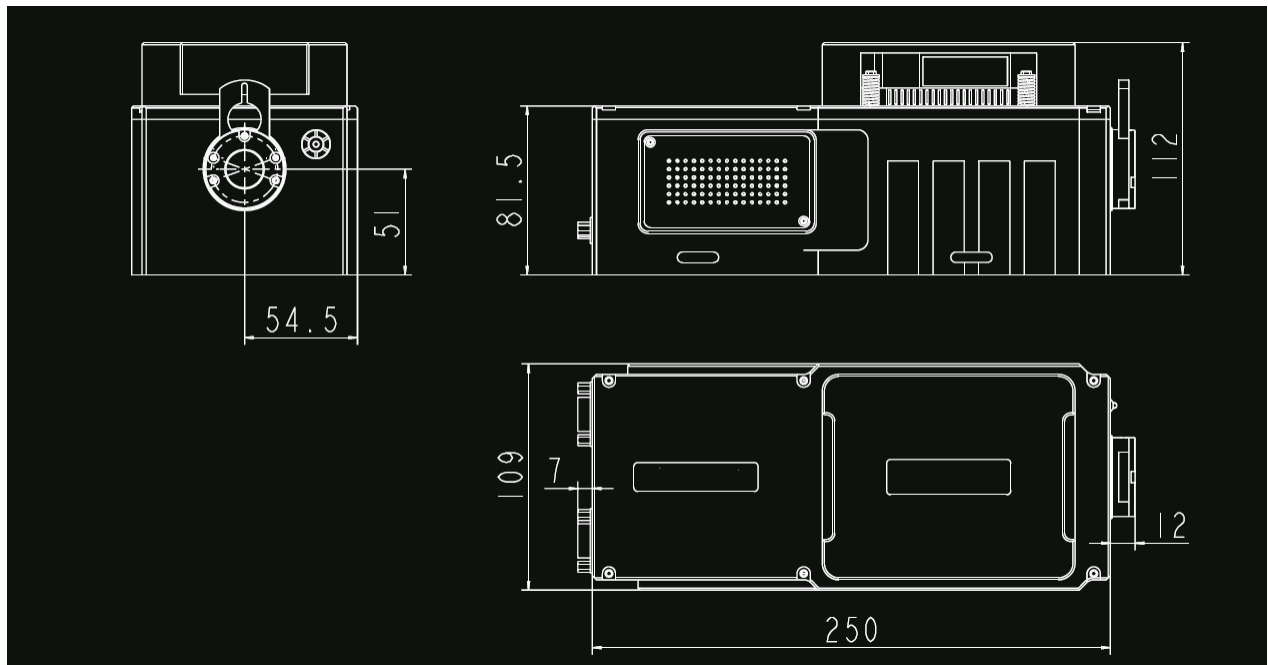
## Application

- Photoacoustic Tomography
- Portable LIBS
- Mobile LIDAR
- LCD Repair
- MALDI-TOF MS
- Laser Spark Plug

## Specification

Specifications		BH9206-mini			
Models	BH9206-mini	BH9206-05	BH9206-20	BH9206-80	
Repetition Rate	1 kHz	1-200 Hz	200 Hz	30 Hz	
Energy:1064nm	1 mJ	5 mJ	20 mJ	80 mJ	
532nm	0.4 mJ	2 mJ	12 mJ	50 mJ	
355nm	N.A.	0.5 mJ	5 mJ	10 mJ	
266nm	N.A.	N.A.	3 mJ	5 mJ	
Pulse Duration	15 ns	10 ns	10 ns	6 ns	
Power Stability (RMS)	≤1%	≤0.5%	≤0.5%	≤0.5%	
Divergence	≤3 mrad	≤3 mrad	≤3 mrad	≤1 mrad	
Energy Step	50 μJ	50 μJ	50 μJ	100 μJ	
Cooling	Air				
Power Supply	AC or Battery				

## Dimension:



## Contact Information

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