

10mW Linear Polarization, Lasos HeNe Laser



Stock #35-212 **1 In Stock**

1

C\$2,037^{.00}

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Volume Pricing	
Qty	C\$2,037.00
1+	each
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Product Downloads	
	EO Spec Sheet

General

Laser Class - IEC:	3B	Type of Laser:	HeNe
Laser Class - CDRH:	IIIb		

Physical & Mechanical Properties

Weight (g):	650.00	Static Alignment:	Centered to Outer Cylinder: $\leq 0.5\text{mm}$ Parallel to Outer Cylinder: ≤ 3
Pointing Stability (mrad/°C):	≤ 0.02	Length (mm):	505.00
Diameter of Laser Head (mm):	45	Length of Laser Head (mm):	505

Optical Properties

Polarization:	$\geq 500:1$	Wavelength (nm):	632.80
Beam Diameter (mm):	0.7	Beam Divergence (mrad):	≤ 1.4

Electrical

Output Power (mW):	10	RMS Noise:	30Hz – 10MHz: $\leq 0.5\%$
Longitudinal Mode Spacing, Nominal (MHz):	320.00		

Hardware & Interface Connectivity

Power Supply:	Power Supply Required and Sold Separately: USA: #35-222 Europe: #35-222 Japan: Not		
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Available
Korea: Not
Available
China: Not
Available

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- Excellent Stability
- Long Lifetime
- Precise Alignment

Lasos Helium-Neon (HeNe) Lasers have a robust mechanical design, excellent beam quality and long service life of up to 30,000 hours. For ease of system integration Lasos HeNe lasers are designed with tough cylindrical housing that precisely aligns with the beam and provides great protection for the laser tube and internal electronics. Each module requires a specially designed turn-key power supply to provide low noise and high stability output. Lasos Helium-Neon (HeNe) Lasers are ideal for a wide range of demanding applications such as spectroscopy, metrology, industrial measurement or confocal laser scanning microscopy. These lasers are offered in both random and linear polarization, in a variety of milli-watt measurements.

Note: Power Supply required for operation and sold separately. Requires voltage converter for use in regions with 120V.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	Power Supply for 15-20mW HeNe Laser, 230V		#35-223	C\$3,010.00 Request Quote	CONTACT US 1
MORE+	Power Supply for 10mW HeNe Laser, 230V		#35-222	C\$2,744.00 Request Quote	1 In Stock 1
MORE+	Power Supply for 0.5mW HeNe Laser, 230V		#35-221	C\$1,792.00 Request Quote	1 In Stock 1
MORE+	Power Supply for 2mW HeNe Laser, 230V		#35-220	C\$1,792.00 Request Quote	1 In Stock 1
MORE+	Power Supply for 5mW HeNe Laser, 230V		#35-219	C\$2,219.00 Request Quote	1 In Stock 1

Frequently Purchased Together



#46-575 - M25.5 x 0.5 Mounted Linear Glass Polarizing Filter
C\$75.60

Qty



#54-996 - 15mm Sq., Fixed Filter Holder
C\$94.50

Qty



#54-997 - 40mm Sq., Fixed Filter Holder
C\$130.90

Qty



#56-798 - One Knob Stage & 250mm Track Combination
C\$457.80

Qty

Resources

Media Type

- Technical Tool
- Application Note
- Video
- FAQ
- Glossary
- Published Article
- Scientific Paper

TECHNICAL TOOL

Gaussian
Beams
Calculator

APPLICATION NOTE

Gaussian
Beam
Propagation

APPLICATION NOTE

Common Laser
Types

VIDEO

Understanding
Lasers and
How They're
Used Every...

FAQ

Can a laser
beam be seen
from the side?

FAQ

What factors
are involved in
how well I can
see a laser...

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