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808nm, 1W, Fiber-Coupled Laser

Stock **#70-220** **4 In Stock**

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Qty 1-4	**£2,768.00** each
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Product Downloads

Beam Divergence (NA):

0.22

General

Type of Laser:

Diode

Laser Class - CDRH:

IV

Physical & Mechanical Properties

Dimensions (mm):
270 L x 210 W x 135 H

Weight (kg):
1.8

Optical Properties

Fiber Diameter (µm):
200

Wavelength (nm):
808.00

Wavelength Tolerance (nm):
±5

Color:
Infrared

Electrical

Output Power (mW):
1000

Modulation Frequency (kHz):
TTL/Analog with 1Hz-30kHz

Hardware & Interface Connectivity

Length of Cable (m):
1.0

Output Type:
Fiber-Coupled

Connector:
SMA905

Input Voltage (V):
100 - 240 VAC

Environmental & Durability Factors

Operating Temperature (°C):
+10 to +35

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Output Powers from 0.15 to 5W
- Wavelength Options from 405 - 1550nm
- Standalone, Air Cooled Benchtop Operation

Fiber-Coupled Benchtop Laser Systems provide powers up to 5W at the fiber output across the UV, VIS, and NIR spectra from 405 to 1550nm. Featuring an LCD display and control knob to adjust output power and temperature, these lasers are housed in various sized benchtop systems for standalone use. An external trigger can be used to modulate the laser intensity through either a TTL signal, or with analog modulation up to 30kHz. Fiber-Coupled Benchtop Laser Systems are ideal for a range of laboratory, research, and industrial applications such as materials processing or laser pumping. These lasers come with a 0.22 NA, 200µm core, SMA connectorized fiber patch cord for ease of setup and use. Additional 0.22 NA patch cords are available and sold separately here.

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