HPD 7401 LASER SOURCE

The Series 7401 is a turnkey system that provides a simple and reliable solution for operating high power Visible Laser Diodes.

Designed for ease of use, the system integrates the Laser Diode with a Driver, Controller and user friendly Interface Computer in one low cost package.

Applications include research with visible photo sensitive materials and therapies.

The system can be readily customized to meet the needs of other applications.

Specifications

Wavelength and Power options:

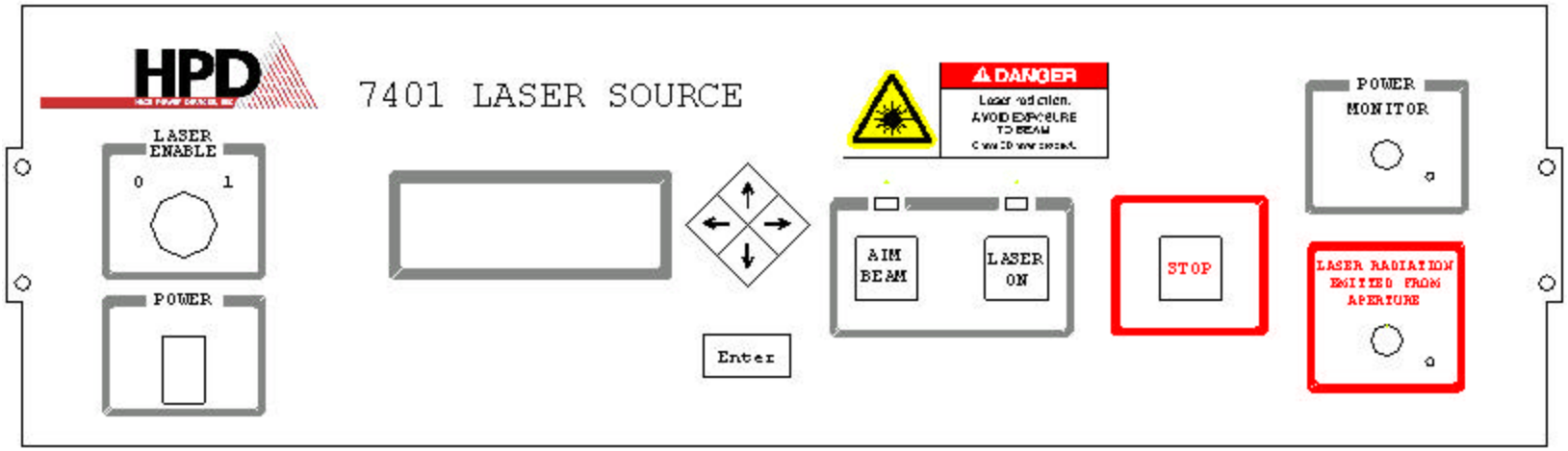
635 or 655nm:	1.0 and 2.0 Watts
670 or 690nm:	2.0 and 4.0 Watts
Aiming Beam:	
Output Power:	2 mW typical
Output Port:	FC or SMA
connector	
Fiber Compatibility:	
Fiber Diameter:	400µm and 600µm
Fiber NA:	0.22
Timer:	0 to 9999 sec
Ambient Temperature:	0 to 35C
Size (H x W x L):	5 x 18 x 16.5 inches
Weight:	40 lbs
Input Voltage:	120 VAC
Input Current (120VAC):	4 A

Features

- High Power Visible Laser Diode
- Simple Turnkey Operation
- Low Power Aiming Beam
- Adjustable Power/Current
- Remote Operation
- 1 Year / 1000 Hour Warrantee
- Adjustable Temperature allows wavelength tuning (2-3nm)

Options

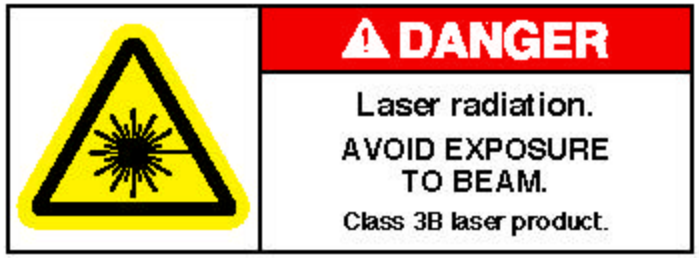
- Power Monitor
- Custom Menu Options
- Line Voltages (100-240VAC, 50-60Hz)
- RS232 Control
- External Modulation
- Cleaning Kit
- Carrying Case



Power
Laser Enable (key switch)
LCD Display
Arrows,Enter buttons: Select menu item, Adjust value
Aiming Beam button: Turns on the aiming beam.
Laser On Button: Turns on the laser
Stop Button: Turns off the laser
Laser Aperture: FC bulkhead connector

Remote: 9- pin D connector

Pin 1	Interlock
Pin 2	Interlock
Pin 3	Aiming Beam On
Pin 4	Laser On
Pin 5	Stop
Pin 6	GND
Pin 7	no connection
Pin 8	no connection
Pin 9	no connection



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