

DIODE LASER, mains powered

3mW diode laser in metal case, mounted on three adjustable feet. The unit is mains powered and is supplied with a key-operated switch for safety.

Laser Type:	Index guided, continuous wave, Class IIIA
Wavelength:	645-650nm
Output Power:	<3mW
Angular divergence:	1 minute
Beam Divergence:	1mrad
Dimensions:	310 x 80 x 50mm
Weight:	950g
Power Required:	220/240V, 50/60Hz a.c. mains supplies.

P35-4950 Diode Laser**LASER POWER METER**

A portable, battery powered analogue photometer. Features include:

- Eight measurement ranges to 10mW
- Accurate within 10% for each range at 633nm
- Zero offset to compensate for ambient light
- Detachable detector head for mounting on a ringstand or optical bench
- Banana jacks for connecting meter output to chart recorders, DVM's, micro-computers and external meters
- Momentary ON/OFF switch to prolong battery life
- Includes two 9-volt batteries
- Calibration service available

P35-5220 Laser Power Meter**PHYSICAL OPTICS LAB**

A unique collection of laser accessories with instruction booklet. The following are a selection of the topics that can be covered:

- How double/multiple exposures on photographic slides can be separated into individual photographs
- How noise or other unwanted information can be eliminated from a transparency
- How diffraction patterns can be manipulated to form new images through the process of spatial filtering
- How to create a continuous tone photo from a half-tone photo
- How to create and compare Fresnel and Fraunhofer diffraction patterns

The kit contains:

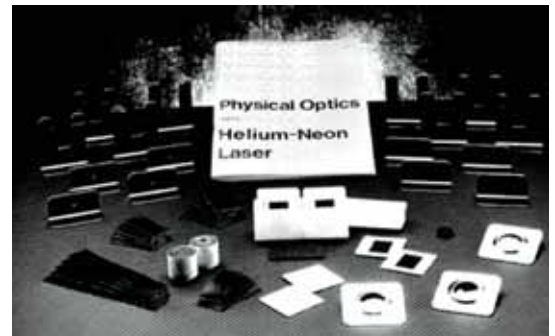
- Three mounted lenses
- Two mounted front surface mirrors
- Nine steel "L" mounts
- One +15mm focal lens in threaded cell
- One mylar viewing screen
- Set of 24 transparencies
- Magnetic strips
- Instruction booklet

P35-5230 Physical Optics Lab

P35-4950



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