



LASER OPTICAL DISK SET

LODS01

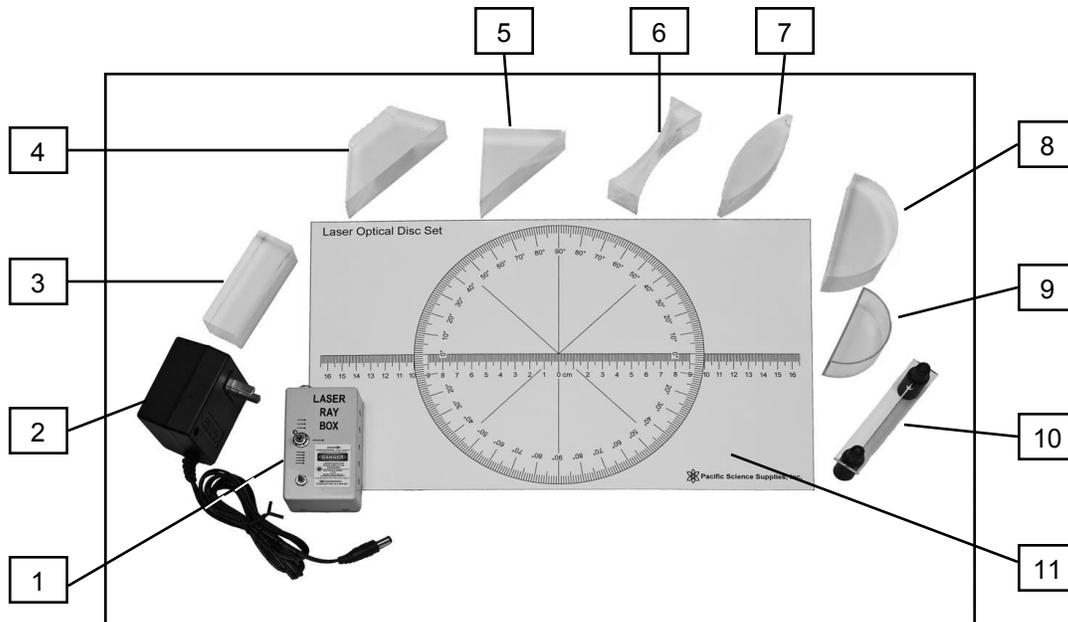


Figure 1

1. Description

The laser Optical Disk Set includes a Laser Ray Box powered by a low voltage wall-mount power supply, a set of eight ray optics elements (three lenses, two prisms, a block, a hollow cell and an adjustable mirror), and a heavy duty vinyl template with a ruler scale and a large protractor printed on it for easy measurements. The Laser Ray Box includes five parallel-mounted low power red diode lasers and a built-in cylindrical lens to fan out the laser beam for ray optics work. A selection switch allows one, three, or five beams to be used, and a momentary switch turns the lasers on only when held down, for safer operation. A storage case and operating instructions are also included.

2. Components and Specifications

Components

Refer to *Figure 1*

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|------------------------------------|--|
| 1. Laser Ray Box (1, 3, or 5 rays) | 7. Biconcave Lens |
| 2. Wall-mount Power Supply | 8. Semicircular Lens (solid) |
| 3. Parallel-sided Block | 9. Semicircular Cell |
| 4. Trapezoidal Prism | 10. Adjustable Mirror (plane/concave/convex) |
| 5. Right Angle Prism | 11. Template (ruler/protractor) |
| 6. Biconcave Lens | 12. Operating Instructions (not shown) |