

SMOKE LENS (SET OF 4)

N99-D20-1607

\$79

These special lenses permit the stereoscopic passage of light. This set contains 4 different shaped lenses. Each lens is made of special, high quality acrylic resin. The 4 lenses are 20mm thick.

SPECIFICATIONS

- 2 Convex Lenses:
f=50mm, 50mm long
f=100mm, 76mm long
- Prism: 90 degree x 45 degree x 45 degree,
Oblique side=70mm long
- Rectangular block: 70x40mm

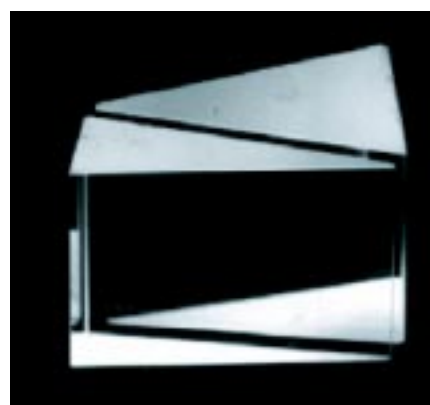


ACHROMATIC GLASS PRISM (Pair)

N99-D20-1398

\$88

This set of 2 prisms (20 and 40 degree angles) is used to demonstrate dispersion, to show that white light is actually a mixture of colored lights, and to demonstrate that materials with different indices of refraction can be employed to virtually eliminate chromatic aberration. The prisms disperse a beam of light into its constituent colors. When combined, the second prism counteracts the dispersion caused by the first. These prisms are excellent instruments for students.



OPTICAL FIBER THEORY (Pair)

N99-D20-1614

\$88



This unique optical set can be used by students to experiment with reflection of light. This high-quality set comes with 2 acrylic resin bars (straight and S-shaped bar). The dimension of the straight bar is 20x20x195mm.

RAY BOX

N99-D20-1502

\$110

The Ray Box is an excellent instrument to demonstrate simple light experiments to students. Made with dry cells, the user can change between one-slit ray and three-slit rays with the simple touch of a button. The tubular bulb produces a parallel light source. The student can project parallel, divergent, and convergent light rays through lenses onto a white background. This unit contains a special built-in focusing mechanism, a white plastic projection base, an acrylic mirror, and a beaker stand for conducting refraction through liquids. The Ray Box is powered by 2D batteries.

