

## 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

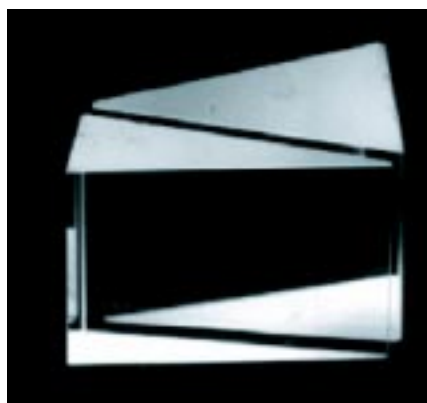


## ACHROMATIC GLASS PRISM (Pair)

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.

