

Optics Suitcase



Stock #90-685 **NEW** [CONTACT US](#)

- 1 + S\$420⁰⁰

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Volume Pricing

Qty 1+	S\$420.00 each
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Product Downloads

General

Educational Kit **Type:**

Contents of Kit:
1x Black Suitcase
1x Slinky
1x Silicon Wafer
1x Fused Silica Lens
2x High-Quality Sheet Polarizers
1x Set of Transparent Plastic Tableware: Fork, Spoon, Knife
1x Sheet of Temperature-Sensitive Liquid Crystal
25 Transmissive Diffraction Gratings

25 Polarization films
25 Liquid Crystals
Set of 25 polarizer pairs

Physical & Mechanical Properties

Dimensions (inches):

13 x 7.25 x 16 (H x D x W)

Weight (lbs):

10

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- Hands-On Educational Kit for Teaching Optics and Physics
- Engages Students with Light, Color, And Polarization Experiments
- Includes Reusable Demo Supplies Plus 25 Student Take-Home Packets
- Portable Suitcase with Room to Customize Your Materials

The Optics Suitcase Demo Kit is an interactive educational kit designed to spark students' curiosity about light, color, and the science behind everyday technology. This portable demonstration kit includes reusable supplies and 3 sets of 25 take-home packets, making it easy to present hands-on experiments that reveal the secrets of optics and physics. From heat pads and diffraction gratings to polarizers and liquid crystals, each demo shows how science and engineering improve our lives. Ideal for classroom visits, the Optics Suitcase Demo Kit supports engaging 45-minute lessons that encourage students to explore STEM careers. Inspire the next generation of engineers, scientists, and inventors — one experiment at a time.