1

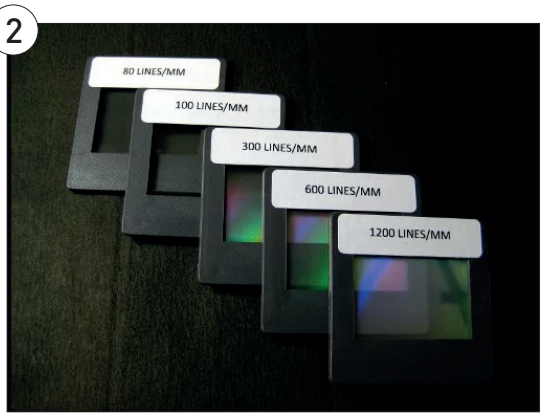


1. Diffraction Slide Kit

- Six slides of 1 to 6 slits
- Three gratings to match the slits
- Diffraction grating 80 lines/mm
- Diffraction grating 300 lines/mm
- Single slit - tapered
- Double slit - tapered
- Metal gauze - 300 mesh
- Circular apertures 1.0, 0.60, 0.40, 0.30mm nominal diameter
- Hologram
- Two Polaroids
- All mounted in 35mm slide frames

Code	Pack	Price
OP2020	Each	£183.49

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2. Diffraction Grating

The grating is mounted in a tough plastic slide frame of 50 x 50mm. Grating area 36 x 24mm.

Code	Description	Pack	Price
OP2022	35mm slide gratings 80 lines/mm	Each	£11.30
OP2024	35mm slide gratings 100 lines/mm	Each	£12.17
OP2026	35mm slide gratings 300 lines/mm	Each	£12.17
OP2028	35mm slide gratings 600 lines/mm	Each	£16.95
OP2030	35mm slide gratings 1200 lines/mm	Each	£15.98

3



3. Diffraction Demonstration Slide

For demonstrating the principle of the diffraction grating and the way in which its properties are dependent upon the number of lines per unit length. Comprises a card mount 90 × 40mm with three 16 × 9mm apertures each containing a diffraction grating replica of 100/300/600 lines/mm.

Code	Pack	Price
EDU949N	Each	£22.76

4. Young's Slits

The double-slit experiment, sometimes called Young's experiment, is a demonstration that matter and energy can display characteristics of both waves and particles. Slit width: 0.05mm.

Code	Description	Pack	Price
OP1300	0.1mm separation	Each	£12.78
OP1302	0.5mm separation	Each	£12.40
OP1304	1mm separation	Each	£12.78

4



5



5. Iris Diaphragm

A circular black metal screen 75mm Ø, with an adjustable iris diaphragm maximum aperture 6mm.

Code	Pack	Price
OP2120	Each	£5.84