

1



1. Travelling Microscope

Designed to give maximum accuracy.

Horizontal and vertical scales made of brass steel. The cast iron base is fitted with three levelling screws and a smooth, machined top which the metal carriage slides over. The Perspex stage is perfectly designed to allow objects to be placed and measured, and slides can be clamped in a horizontal or vertical position using a clamping screw.

- Achromatic lenses
- Slides travel 210mm horizontally and 160mm vertically
- Eyepiece: 10x, FL: 50mm
- Vernier reading 0.02 or 0.01mm
- Supplied in polished wooden case

Code	Pack	Price
MIC8512	Each	£347.92

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	£11.30
OP2026	35mm slide gratings 300 lines/mm	Each	£11.30
OP2028	35mm slide gratings 600 lines/mm	Each	£15.75
OP2030	35mm slide gratings 1200 lines/mm	Each	£15.75

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 x 40mm with three 16 x 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	£11.87
OP1302	0.5mm separation	Each	£11.87
OP1304	1mm separation	Each	£11.87

5. Iris Diaphragm

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

Code	Pack	Price
OP2120	Each	£6.59

2



3



4



5

