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1. Travelling Microscope

Designed to give maximum accuracy. Supplied in a wooden polished case.

Horizontal and vertical scales of brass steel. The cast iron base is fitted with levelling screws with the top duly machined, over which slides a metal carriage. Slide can be clamped at any position by means of a clamping screw. A vertical slide operating in a similar way is fitted on the horizontal carriage. The microscope with rack and pinion is fitted on this vertical carriage and can be clamped in a vertical or horizontal position. Stage for placing objects for measurement is fitted with perspex plate. Achromatic lenses have been used. Slides travel 210mm horizontally and 160mm vertically. Eyepiece: 10x, FL: 50mm. Vernier reading 0.02 or 0.01mm.

Code	Pack	Price
MIC8512	Each	£399.90

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	£11.19
OP2024	35mm slide gratings 100 lines/mm	Each	£11.19
OP2026	35mm slide gratings 300 lines/mm	Each	£11.19
OP2028	35mm slide gratings 600 lines/mm	Each	£15.59
OP2030	35mm slide gratings 1200 lines/mm	Each	£15.59

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	£22.30

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.

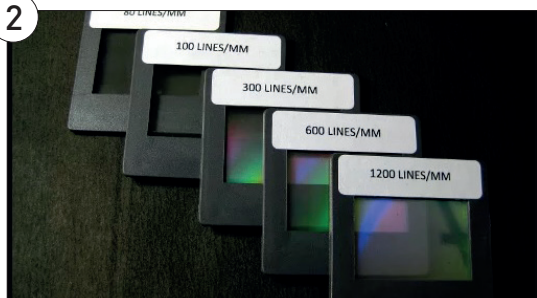
Code	Description	Pack	Price
OP1300	0.1mm separation	Each	£11.75
OP1302	0.5mm separation	Each	£11.75
OP1304	1mm separation	Each	£11.75

5. Iris Diaphragm

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

Code	Pack	Price
OP2120	Each	£7.58

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