

Glass Plates, Flat

Interference



HL1888-001 Flat Glass Plates, Set of 6

Description:

The Flat Glass Plates set consists of 6 strips of flat glass that can be used in pairs to observe 'Newton's Rings' or the interference pattern in very thin films of air.

A packet of very thin paper material is supplied with the glass plates to place between them at one end to form a 'wedge' of air between them. The air is observed by inspecting under monochromatic light (say a Sodium light source). The interference pattern is easily seen and it changes as the thickness of the air film changes from one end to the other.

Each piece of glass is ground slightly at the edges for safety and to prevent cutting.

Note:

It is important that the glass pieces are very clean before attempting to create the 'air wedge' between them. The 'wedge' is created by placing the very thin paper spacer between the glass strips at one end only and allowing the glass pieces to touch together at the other end.

Length: 150mm	Width: 25mm	Thickness: 3mm	Weight: 170g
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Designed and manufactured in Australia

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