

SA921339

Mid Victorian Cased Miniature Spectroscope by John Browning of The Strand London

Price

Sold**Item Reference: SA921339****Date of manufacture: 1870**

Dimensions

Height = 2.5 cm (1.0")

Width = 10 cm (3.9")

Depth = 2.5 cm (1.0")

Description

For sale, a rare mid Victorian cased miniature spectroscope by John Browning of 63 The Strand, London. Clearly described and engraved in Browning's 1878 publication, "How to Work with The Spectroscope". This very original and complete, cased spectroscope was sold by Browning as, "The Miniature Spectroscope" and is describes as follows: "This instrument will show many of Fraunhofer's lines, the bright lines of the metals and gases, and the absorption bands in coloured gases, crystals, or liquids. The Miniature Spectroscope consists of a compound direct-vision prism, which is placed in a sliding drawer. At the end of this drawer there is a lens; in the best instruments this is an achromatic combination. At the opposite end to the eye-piece there is a slit, which, in the instruments of a superior class, is adjustable by a screw motion. The two jaws move equably from the centre, on rotating the milled ring between the thumb and finger. The jaws of this slit will require to be almost closed to view the Fraunhofer lines but may with advantage be opened wider when viewing the lines of chemical spectra, or absorption bands in coloured liquids." The instrument retains the majo...

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