

SA864189

Early Twentieth Century Cased Spherometer by Adam Hilger London

Price

Sold**Item Reference: SA864189****Date of manufacture: 1920**

Dimensions

Height = 6.5 cm (2.6")

Width = 6.5 cm (2.6")

Depth = 6.5 cm (2.6")

Description

For sale an early Twentieth Century morocco cased spherometer by Adam Hilger. The spherometer as the name implies, was used in this instance for measuring the radius of curvature of optical lenses. The instrument was originally conceived by the famous French scientist and Optician, Robert-Aglae Cauchoix for the purpose of grinding lenses and curved mirrors. This instrument is comprised of three pointed legs forming an equilateral triangle. A central leg is provided on a screw which can be raised or lowered to make contact with the subject glass at the centre. The central scale plate surrounding the screw and the vertical scale which is placed alongside the plate can then be used to determine the difference in curvature between the outer legs and the central leg. This fascinating instrument is engraved to A. Hilger, London to the brass plate and further marked to, "U of L Phys Lab" denoting its use by the University of Liverpool at some stage in its existence. It comes complete with its original morocco leather fitted case with purple velvet and silk interior. The company of Adam Hilger was established by Johann Adam Hilger, a German immigrant scientific instrument mak...

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