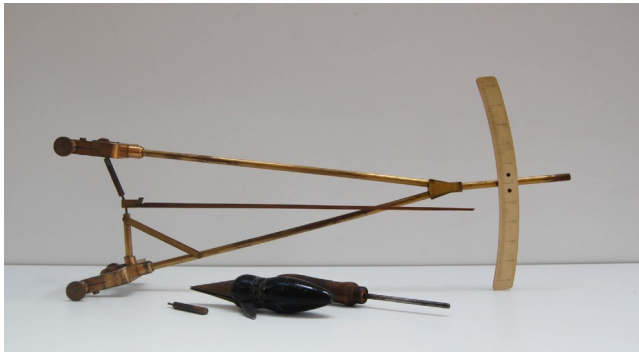


SA626797

Rare Edwardian Goodmans Extensometer by Patrick Adie of London

Price

Sold**Item Reference: SA626797****Date of manufacture: 1900**

Dimensions

Height = 19 cm (7.5")

Width = 70 cm (27.6")

Depth = 27 cm (10.6")

Description

For sale, a rare Edwardian Goodman's Extensometer by Patrick Adie of London. Extensometers are instruments for measuring the elastic strength of materials in tension or compression and this particular example is featured in the 1916 publication: "The Strength of Materials, A Text-Book for Engineers and Architects by Ewart S Andrews. The following description can be read alongside the provided image of the book plate to provide full understanding of its use. "This extensometer is of very simple form and was designed by Professor Goodman of Leeds. It consists of two forked clips, (AB) which carry pointed screws engaging in the centre punch marks in the specimen and are connected to rods (C) which join at their ends and carry a scale (D) on a projecting piece. Two light rods (EF) form a fixed triangle, and the vertical rod (E) projects and has a small groove at its end which forms a bearing for a knife edge carried by the pointer (P). A second knife edge on the latter rests upon a second vertical rod (H) depending from the upper clip (A). A small screw is provided for bringing the pointer to zero at the beginning of a test. The strain of a specimen causes the rod (H) to ...

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