

SA846900

Antoine Redier Patent Wall Barograph Retailed by J Hicks of London

Price

Sold

Item Reference: SA846900

Date of manufacture: 1890

Dimensions

Height = 25.5 cm (10.0")

Width = 15 cm (5.9")

Depth = 12 cm (4.7")

Description

For sale, a scarce Antoine Redier Patent Wall Mounted Barograph retailed by J Hicks of London. This unusual barograph is set within a hinged mahogany case with a hanging loop at the back for wall-mounting. The glazed front cover is secured by two hook and eye fasteners at the top and when opened reveals a large exposed aneroid capsule and movement with altitude adjuster at the top and small silvered and engraved rectangular scale plate at the base. The scale is divided for 28 to 31 inches of barometric pressure and has the patent no: 7323 to the left and the serial number 68. The top left and right hand corners are further engraved to the British retailer and equally famous instrument maker, J. Hicks, London. The pen arm is placed below the movement and works on a horizontal plane. It is cleverly supported by a crutch which is connected to a cam on the clock drum below. Every fifteen minutes, the cam's movement releases the crutch which applies downwards pressure to the pen and places a dot on the paper. This ingenious solution was introduced by Redier to try to resolve the inaccuracy caused by friction on the pen arm produced by most standard types of barographs. The ...

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