

SA743450

Late Victorian Supersensitive Barometer by Brady & Martin Limited Newcastle

Price

Sold

Item Reference: SA743450

Date of manufacture: 1890

Dimensions

Height = 108 cm (42.5")

Width = 8.5 cm (3.3")

Depth = 10 cm (3.9")

Description

For sale, a late Victorian Supersensitive Barometer by Brady & Martin Ltd of Newcastle on Tyne. This scarce and fascinating example is comprised of an oak case with a carved dome top and a large ivory scale divided for 28.1 to 30.7 inches of barometric pressure. An exposed, open topped tube filled with red dyed liquid (glycerine) is fixed to the front and runs the length of the scale down into the carved oak cistern cover, the front of which has a circular ivory maker's plaque to "Brady & Martin Ltd, Newcastle on Tyne". The inside of the instrument is accessed by means of a removable side panel which exposes a rather unusual tube system. The top of the tube has a large bulb containing mercury which is completely filled until it curved up and terminates at a secondary bulb at the base. This bulb is filled with mercury a third of the way up and the red glycerine is then filled on top of it. This glycerine then follows up through the cistern cover and is the means from which the barometer reading is taken from the scale. The two liquids do not mix due to the weight differentials of both. It is explained by Brady & Martin in their 1892 catalogue as follows: "Brady & M...

Seller Details

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