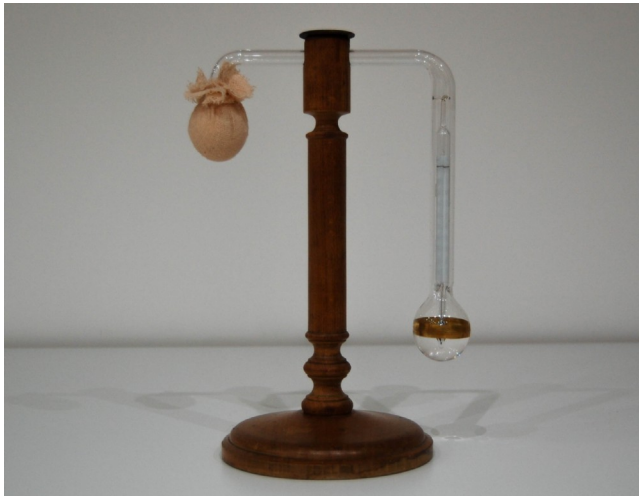


SA636804

Late Victorian Daniell's Hygrometer on Boxwood Stand

Price

Sold**Item Reference: SA636804****Date of manufacture: 1880**

Dimensions

Height = 27 cm (10.6")

Width = 19 cm (7.5")

Depth = 15 cm (5.9")

Description

For sale, a large nineteenth century Daniell's hygrometer on boxwood stand. It is comprised of a turned boxwood base and stand which threads into the base, with attached thermometer to the shaft and glass tube suspended through the top section. The double right angled glass ether filled tube with a bulb at each end, as explained below contains a second thermometer. The Daniel's hygrometer was invented in order to record the relative humidity of the air and was notably used by Admiral Fitzroy during his famous explorations with Charles Darwin on HMS Beagle. Examples of the Daniell's hygrometer can be seen in Negretti & Zambra's, 'Treatise on Meteorological Instruments' in 1864 and also their later catalogues of the 1880s so although it was considered somewhat troublesome, its enduring production confirms that it remained useful to scientists throughout the nineteenth century. Negretti & Zambra's later catalogue provides a description of its use: "Daniell's hygrometer for ascertaining the dew-point by direct observation invented about the year 1820 by the late professor Daniell, of Kings College London. It consists of a glass tube, bent twice at right angles, and te...

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