

SA566424

Earliest Known Aneroid Barometer by Lucien Vidi - Serial Number 57

Price

Sold**Item Reference: SA566424****Date of manufacture: Victorian**

Dimensions

Height = 12 cm (4.7")

Width = 12 cm (4.7")

Depth = 4 cm (1.6")

Description

For sale, a mid-Victorian brass cased Lucien Vidi aneroid barometer with serial number 57. This phenomenally rare and early barometer has a 4.5 inch silvered dial and curved Fahrenheit thermometer to the bottom section. The dial is engraved with the words, "aneroid barometer" to the top and "Fahreheit's scale" to the bottom above the serial number "57". The weather indications are standard for Vidi barometers and are the predecessor to the later Admiral Fitzroy readings that are more commonly seen today. The mechanism is enclosed in a quality pressed brass case and bezel. Lucien Vidi (1805 – 1866) was a French Physicist who invented the aneroid barometer in 1843 and held the patent rights for his invention until 1855. Until Vidi's ground-breaking invention, barometric pressure was always read by means of a mercury tube such as can be seen installed in stick or wheel barometers, however their portability made them difficult to use for field experiments. The aneroid (meaning without liquid) had been considered as a possible solution since the seventeenth century by the likes of Gottfried Wilhelm Von Leibniz and Nicolas Conte, although neither had any practicable success. ...

Internal Ref: 525

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