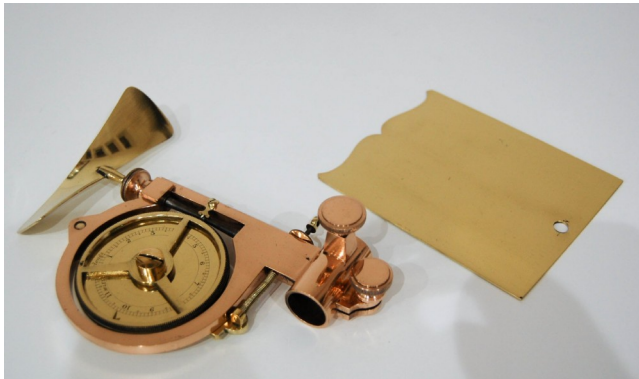


SA675042

Saxton Water Current Meter Owned by Sir William Robertson Copland

Price

Sold**Item Reference: SA675042****Date of manufacture: 1870**

Dimensions

Height = 7 cm (2.8")

Width = 22 cm (8.7")

Depth = 17 cm (6.7")

Description

For sale, a Victorian Saxton water current meter belonging to Sir William Robertson Copland. Designed originally in 1836, this rare instrument designed by the famous American scientist Joseph Saxton made one of its first appearances featuring in The Magazine of Popular Science & Journal of the Useful Arts with the following description: "The necessity of accurately ascertaining the velocity of rivers etc, in the numerous cases where the rate of the current, the total volume of the passing water etc are required to be known, has made it extremely desirable to have a convenient means of measuring and comparing these velocities, that may be applied in every case likely to occur. Instruments for this purpose have been designed and described by Eytelwein, Wattman, Fontaine and others; but it is believed that no one of them has so well satisfied the conditions which have been latterly supposed to be necessary in this kind of instrument, as that which is the subject of this communication. This meter has been in the hands of several eminent hydraulic engineer, both English and Foreign, for the last two years, and has been employed successfully by some of them in investigations...

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