

SA781491

Early Victorian Dickinsons Anemometer by Joseph Casartelli Manchester

Price

Sold

Item Reference: SA781491

Date of manufacture: 1860

Dimensions

Height = 10.5 cm (4.1")

Width = 10 cm (3.9")

Depth = 7 cm (2.8")

Description

For sale, a Victorian Dickinson's Anemometer No: 466 by Joseph Casartelli of Manchester. This instrument was devised in the mid-Nineteenth Century by Her Majesty's Inspector of Mines, Joseph Dickinson, FGS, who throughout his long forty one year career, paid particularly close attention to clean airflow through the mines to ensure as healthy a working environment for the miners as possible. Numerous references to his studies of different types of anemometers are present in professional archives and he later focussed on the study of self recording anemometer and manometers in an attempt to avoid the reliance on workers in providing consistently accurate data. By the time of his invention, the plate anemometer was not an entirely new concept but with a more accurately calibrated quadrant, a bubble level and counterbalance to the plate, his invention represented a large improvement to the design. It is described as follows in the catalogues of Joseph Casartelli: "This instrument, introduced by Mr Joseph Dickinson about 1850, determines the velocity of an air current from the deflection it causes to a swinging flap. The flap consists of a framed plate of mica, carried along...

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