

SA693866

Late Victorian Gas Mantle Galvanometer Lamp by Auerlicht Germany

Price

Sold**Item Reference: SA693866****Date of manufacture: 1900**

Dimensions

Height = 52 cm (20.5")

Width = 18 cm (7.1")

Depth = 18 cm (7.1")

Description

For sale a Late Victorian gas mantle galvanometer lamp by Auerlicht Germany. This uncommon instrument is comprised of a tripod base with a two part extendable column. The upper part contains an inlet pipe for a rubber gas tube to be attached with air vent collar and ceramic gas burner above. The burner incorporates a decorative brass punched surround into which a cylinder hood with a small cut-out section is fitted. The hood has a pin attached to a swing arm on which a cotton Thorium soaked gauze would be suspended and lit above the burner. The decorative surround is stamped with the brand "Auerlicht Prima" and a triangle motif with the company's initials "DGA" inside. It is also stamped "Germany" to the base. The gas mantle was invented in the 1880's by the Austrian scientist, Carl Auer Von Welsbach by combining chemicals in order to create a light that burned brighter than any other substance known at that point. His invention was patented in 1885 and in 1890 was improved using a mixture of 99% Thorium and 1% Cerium Oxide impregnated on a cotton gauze. When burnt it produced a white light that was immediately put to numerous uses. The company "Deutsche Gasgluhlicht ...

Seller Details

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