

SA893738

Cased Nairne Pattern Electrostatic Machine with Accessories by George Adams of London

Price

Sold**Item Reference: SA893738****Date of manufacture: 1800**

Dimensions

Height = 45 cm (17.7")

Width = 60 cm (23.6")

Depth = 42 cm (16.5")

Description

For sale, an enormously rare Eighteenth Century cased Nairne Pattern electrostatic machine with associated accessories by George Adams the Younger of Fleet Street London. The electrostatic machine consists of a large glass cylinder suspended horizontally by beautifully manufactured brass supports on a mahogany frame with two mahogany gear wheels and a handle to one end in order to revolve it. Attached to the base behind the cylinder is a glass strut with boxwood supports with a mahogany backed leather pad which can be adjusted by means of a slide at the base to make contact with the glass. The act of turning the cylinder against the leather creates friction and removes a charge from the pad. Consequently, the resulting charge can be transferred to a collector. The collector consists of a turned mahogany base into which is screwed a boxwood support with a glass strut attached to the centre. A brass tube with globular ends is affixed to the end of the glass to complete it. There are numerous holes within the brass collector. The end holes would be utilised for applying the collecting comb and the other end for attaching a chain to connect with a Leyden jar or some other e...

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