

SA888264

Victorian Cased Demonstration Gyroscope by Elliott Brothers London

Price

Sold**Item Reference: SA888264****Date of manufacture: 1860**

Dimensions

Height = 25 cm (9.8")

Width = 14 cm (5.5")

Depth = 15 cm (5.9")

Description

For sale, a large Victorian cased demonstration gyroscope on stand by Elliott Brothers of London. This solid brass gyroscope is held in a U-shaped frame from which a circular mount is attached. The mount holds the central rotor disc which is attached by a spin axis to the top and bottom and can be spun to high resolution by means of winding a string around the axis which is threaded through a small hole. The U shaped frame has a shaft which sits freely in a solid brass base on which the maker's name is engraved, "Elliott Brothers, London". The gyroscope also has two original weights which may be hung on either side of the circular mount and an original wooden bobbin and string which is employed in applying power to the gyroscope. The set is complete in its original fitted mahogany case with a working lock and key. The name gyroscope was coined by the French scientist, Leon Foucault in 1852 as a result of his investigations into the rotation of the earth and the development of the ideas of the German scientist Johann Gottlieb Bohnenberger from 1817. The experiment was commonly used thereafter to show how a spinning rotor resists changes to its orientation due to the angu...

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