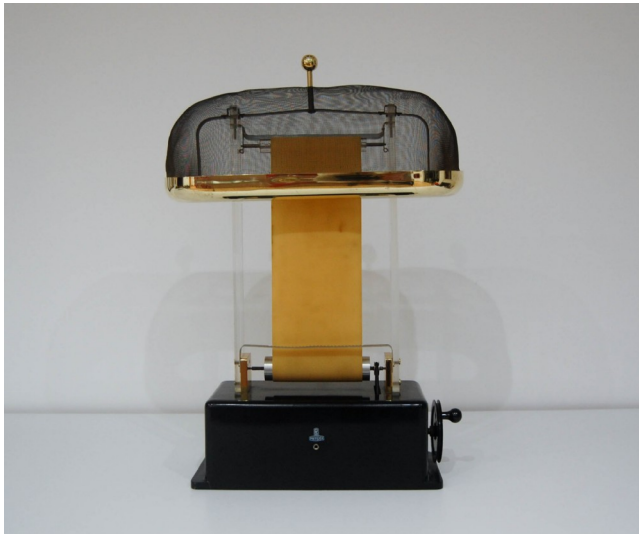


SA678915

Early Demonstration Van Der Graaff Generator by Physica

Price

GBP 1,750

| USD \$2,363 | EUR 2,048

Item Reference: SA678915

Date of manufacture: 1950

Dimensions

Height = 55 cm (21.7")

Width = 35 cm (13.8")

Depth = 15 cm (5.9")

Description

For sale, a rare mid-twentieth century Van Der Graaff Generator by Physica. This rare and early example is comprised of a Bakelite rectangular base with input to the front for an additional discharge wand and the manufacturer transfer to the front stating "Physica". It has a circular handle incorporated to the side with a groove cut out in order to attach the generator to an external motor. Two lucite struts support the upper and lower rollers which hold the natural rubber belt and a set of combs is attached at the top above the upper roller and another at the side of the base roller. The unusual and early type domed hood is formed from a brass tray with a metal gauze material. The Van Der Graaff generator works by means of the rubber belt moving over two rollers comprised of differing materials each with a comb, the top one connected to the hood and the bottom one connected to earth. Owing to the different materials of the rollers, the movement of the belt causes the transfer of electrons. The bottom roller will be negatively charged and the top positively charged. The excess positive charge is subsequently accumulated on the outer surface of the dome and builds up ver...

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