



Very Large Wimshurst's Electrostatic Machine By Wehrsen



1 000 EUR

Signature : WEHRSEN Alfred (Allemagne)

Period : 20th century

Condition : Très bon état. machine révisée

Length : 60

Width : 32

Diameter : 44,5

Height : 64

Description

A physics apparatus invented in 1882 by the British physicist James Wimshurst, also known as the "Influence Machine", generates electricity by influence. It has been used to illustrate many static electricity phenomena or the production of ozone in an electric arc.

The machine consists of a pair of discs which turn in opposite directions on the same axis, on the edge of these discs are glued strips of tinfoil, 2 bottles of Leyden and 2 glass and metal conductors, a wooden crank is used to operate the whole. With this type of machine one can obtain sparks of about ten centimetres.

Machine whose discs are not in glass but in ebonite, this device was patented in 1908, by the German manufacturer Alfred Wehrsen, who signs the present model (plate riveted to the base).

Dealer

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Date: ca. 1905-1908

Very nice model, revised machine, in excellent
condition.

Bibliographical references:

- Max Kohl, Chemnitz, Apparatus for Physics,
catalogue no. 22, (undated, ca. 1904): pp.
343-344, fig. 1397: similar model.
- BOSSERT, François. Machine de Wimshurst,
Bulletin de l'Union des Physiciens, No. 696,
July-August-September 1987, pp. 881-907.
- GIRES Francis, L'Empire de la physique, 2006,
n°205, p. 269.