

Basic Detail Report

Title Morehead's Graduated Magnetic Machine

Date about 1847

Primary Maker Dr. Cyrus Pendleton

Medium walnut; copper; wood; wire

Description (a) box (b) battery cell (c) machine (d-e) handles Dr. Cyrus Pendleton of Hebron, Conn. originally owned this Morehead's Graduated Magnetic Machine. The machine is stored in a walnut box with directions for use printed on the inside of the box top. A battery cell is located at the back of the box. It is rectangular with a smaller, narrower cell in the center. The battery is stored in front of the battery. It has a green tube with copper caps, copper screws in each corner, and a copper cross-piece behind the tube. Two wooden and magnetic handles have wires attached to the top. The wires from the handles attach to the machine and wires from the battery attach to the machine.

Dimensions Primary Dimensions ((a) height x width x depth of box): $4 \times 8 \frac{3}{4} \times$

7in. ($10.2 \times 22.2 \times 17.8\text{cm}$) Primary Dimensions ((b) height x width x depth of

battery cell): $2 \frac{5}{8} \times 7 \frac{7}{8} \times 3\text{in.}$ ($6.7 \times 20 \times 7.6\text{cm}$) Primary Dimensions ((c)

height x width x depth of machine): $3 \times 8 \times 2 \frac{7}{8}\text{in.}$ ($7.6 \times 20.3 \times 7.3\text{cm}$)

Primary Dimensions ((d-e) length x diameter of handles): $6 \times 1\text{in.}$ ($15.2 \times 2.5\text{cm}$)