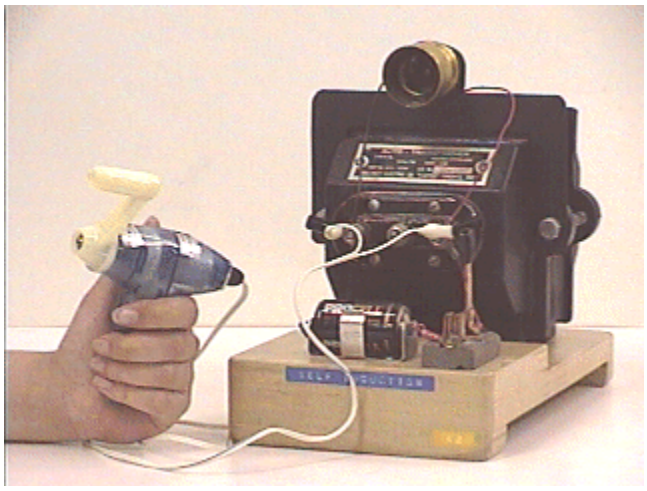
Question #80

In Question #36, we saw how we can supply energy to a capacitor using a magnetoelectric generator, then let the energy in the capacitor run the generator. This week we replace the capacitor by an inductor, as seen in the photograph below.



For this question we crank the generator, creating current in the inductor, then release the handle of the generator. What will the handle do - in particular, will it move, and if so in which direction?

When the handle is cranked and then released, it will:

- (a) continue to move in the same direction.
- (b) reverse its motion, moving in the opposite direction.
- (c) stop, and not move at all.

Click here for Answer #80 after September 3, 2001.

Question of the Week

Outreach Index Page

Lecture-Demonstration Home Page

For questions and comments regarding the *Question of the Week* contact
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given on the Lecture-Demonstration Home Page.