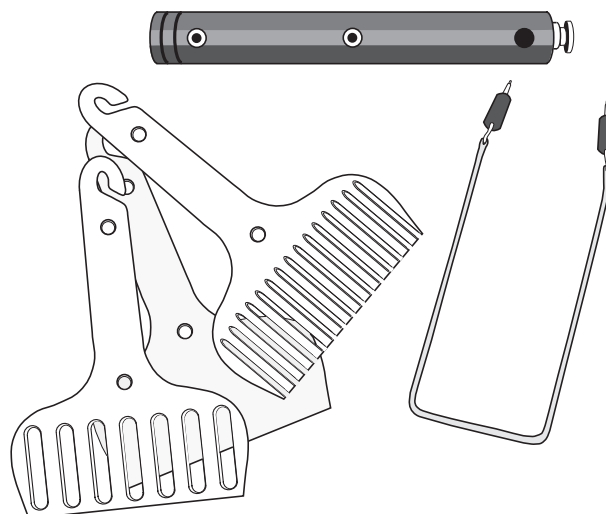


**Instruction Sheet  
for the PASCO  
Model EM-8642A**

# INDUCTION EXPERIMENT SET



## Introduction

The PASCO Model EM-8642A Induction Experiment Set includes a set of three aluminum paddles, a swing and a mounting bar which will enable you to perform demonstrations of induction and magnetic damping and to demonstrate the magnetic force on a current-carrying wire.

The PASCO Model EM-8642A Induction Experiment Set is designed to be used with the PASCO Model EM-8641 Variable Gap Lab Magnet and suggested experiments can be found in the experiment manual that is included with the PASCO Model EM-8641 Variable Gap Lab Magnet.

## Additional Equipment Required:

- Variable Gap Lab Magnet
- Lab Stand

## Additional Equipment Recommended:

- Low Voltage Power Supply such as PASCO Model PI-9593, SF-9582 or SF-9584A  
or
- Mini-Generator, PASCO Model SE-8645
- Patch Cords, PASCO Model SE-9750 or SE-9751

## Limited Warranty

PASCO scientific warrants this product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace, at its option, any part of the product which is deemed to be defective in material or workmanship. This warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damage caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment, after repair, will be paid by PASCO scientific.

## Equipment Return

Should this product have to be returned to PASCO scientific, for whatever reason, notify PASCO scientific by letter or phone BEFORE returning the product. Upon notification, the return authorization and shipping instructions will be promptly issued.

**NOTE: NO EQUIPMENT WILL BE ACCEPTED FOR RETURN WITHOUT AN AUTHORIZATION.**

When returning equipment for repair, the units must be packed properly. Carriers will not accept responsibility for damage caused by improper packing. To be certain the unit will not be damaged in shipment, observe the following rules:

1. The carton must be strong enough for the item shipped.
2. Make certain there is at least two inches of packing material between any point on the apparatus and the inside walls of the carton.
3. Make certain that the packing material can not shift in the box, or become compressed, thus letting the instrument come in contact with the edge of the box.