

ELECTROSTATIC FIELD APPARATUS

N99-B10-1492

\$1,195

This unique apparatus is designed for the observation of electric lines of force. The visible lines are generated by applying an external electric field to the plastic observation cell filled with a special solution. Individual or classroom size demonstrations can be conducted by using an overhead projector. Select any of the five electrode plates to enhance the experiment.

To operate this apparatus, the user charges an electrode plate using the high-voltage generator box. The results will vary according to the 5 types of plates being used, as different lines of force can be observed.

- 1 Electrostatic shielding
- 2 Between 2 points of the same electrode
- 3 Between 2 points of different electrodes
- 4 Point charge
- 5 Parallel flat capacitor



1. Electrostatic shielding 2. 2 Points/Same Electrode



3. 2 Points/Different Electrodes



4. Point Charge



5. Parallel flat capacitor



PREPARATION

It is recommended to properly shake the observation cell before each experiment. This will allow the particles to disperse throughout the cell. An air chamber is located at the top of the cell to permit free movement of the particles.

CONTENTS OF SET

- Observation Tank: Made of Transparent Plastic
- Size of Cell: 160x105x7mm
- Electrode Plates: 5 types of plates
- Supporting Frame: Made of Transparent Plastic
- Size of Frame: 195x115x28mm
- Power Supply: High-Voltage Generator Box

ACCESSORIES

- Background Screen (White Plastic Plate)
- Wooden Storage Carrying Box

REPLACEMENT PARTS

OBSERVATION TANK

N99-B10-1491-01

\$199

CHARGING BOX/HIGH-VOLTAGE

N99-B10-1112

\$199

NEW MODEL

