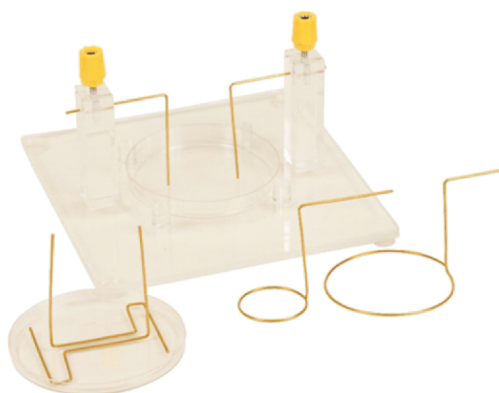


B8H26771

Electric Fields Apparatus

NFU 278



Purpose:

This apparatus enables electric fields to be shown in much the same way that magnetic fields are demonstrated with iron filings. This apparatus may be placed on an over head projector for class demonstrations.

The dish is placed on the base between the terminals and filled to a depth of 6 to 8 mm with liquid paraffin. A small amount of semolina is sprinkled evenly on the surface of the liquid. The electrodes are fitted into the cross-holes of the terminal sand clamped in the desired position. When the terminals are connected to the power supply field patterns are formed in the semolina, and different patterns can be shown by exchanging the pairs of electrodes. Patterns will continue to form even after the semolina has sunk to the bottom of the dish, giving a long viewing time and little disturbance when changing electrodes.

Please Note:

When using the 5kV supply, the power should always be switched off before making any adjustment to the apparatus. It is possible to use a Wimshurst machine to provide instantaneous movements, in contrast with the 5kV supply which causes patterns to be formed more gradually.

Warranty, repairs and spare parts:

The Electric Fields Apparatus is guaranteed for a period of one year from the date of delivery to the customer. This warranty does not apply to defects resulting from the action of a user such as misuse, improper wiring, any operations outside of its specification, improper maintenance or repair, or unauthorized modification.

Our liability is limited to repair or replacement of the product. Any failure during the warranty period should be referred to Customer Services.

Supplier details:

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