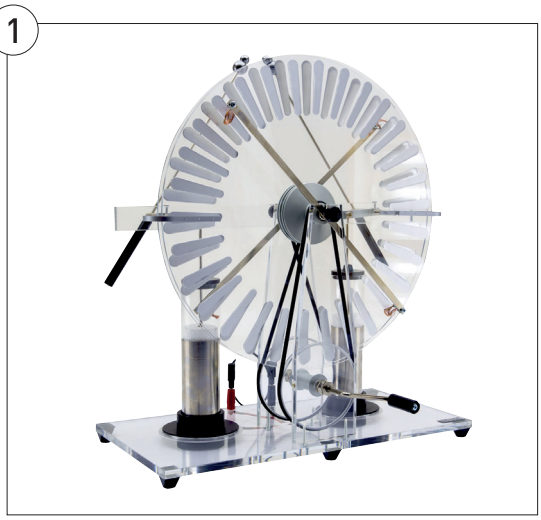
1



## 1. Optika Wimshurst Electrostatic Machine

- Has two special disks which don't deform over the course of time
- Two Leyden decomposable bottles
- Adjustable distributor
- Spark: 50 - 60mm
- Disk Ø: 400mm with disk supported by bearings for greater stability

| Code | Pack | Price |
|---|---|---|
| **EDU2130** | Each | **£707.68** |

2



## 2. Electrostatic System Physics Kit

Comes with 26 components, including an electroscope, pith balls, and the various rods needed to investigate core concepts in introductory electrostatics. With this kit students can explore common experiments such as the gold leaf electroscope, positive and negative charges, insulators and conductors, and Coulomb's law.

Includes an experiment guide covering 11 activities:

- Exploring electrostatic charge using rods and cloths
- Movement of charge on an object
- Is there more than one type of charge?
- Comparing magnetic and electrostatic forces
- The electroscope
- Conductors versus insulators
- Charging objects by induction and conduction
- Volta's electrophorus
- Coulomb's law
- The conducting cup
- Faraday's ice pail

| Code | Pack | Price |
|---|---|---|
| **EDU2188** | Each | **£235.38** |

3




## 3. Digital Coulomb Meter

Enables the measurement of electrostatic charge on an item. The display will show the number of nanocoulombs deposited on the charge disc either by current through a resistance or from a capacitor or from a source of static electricity (a charged plastic rod). Displays up to 1999nC, accuracy ±10nC.

| Code | Pack | Price |
|---|---|---|
| **231-037** | Each | **£47.77** |

4



## 4. IPC Irwin Coulomb Meter

For charge detection and measurement. Useful for a wide range of experimental applications including charging by induction, Faraday's ice pails, Coulomb's law and capacitance of an isolated sphere. The liquid crystal display has 13mm high digits with a wide field of view unobscured by trailing leads. The display also provides indication of polarity and low battery. The unit is exceptionally easy to read. Two colour coded 4mm sockets are located on the sides for maximum convenience and anti-slip feet are fitted to the base. Low operating current gives expected battery life in excess of 500 hours. Housed in a robust, ABS plastic case. Supplied with charge plate, battery and instructions.

| Code | Pack | Price |
|---|---|---|
| **EL10412** | Each | **£71.69** |