



THE LAB EQUIPMENT

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Product Name :

Faraday's Law Apparatus

Product Code :

SLE/EAM/08



Description :

An acrylic tube supports an easily moved coil so that a small cylindrical magnet (supplied) can be dropped down the tube to generate a pulse of electricity as it passes through.

This system provides a simple and effective method of studying Faraday's Law.

An oscilloscope is used to monitor the pulse and measure its amplitude.

PC based oscilloscopes are particularly suited to this equipment and full instructions are included.

Twin coils, 150 and 300 turns, allows for extra versatility.

At different speeds the amplitude varies and can be used by senior students to investigate

Faraday's Law while revising equations of motion to determine the speed.

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