



THE LAB EQUIPMENT

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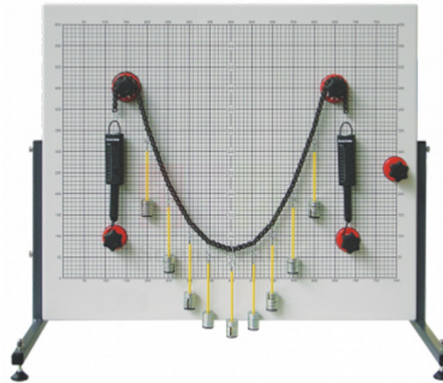
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Product Name :

Suspension Cable Demonstration

Product Code :

SLE/ESA/01



Description :

- For use with the Work Panel (STF1), the kit allows several experiments with a suspension cable.
- Spring balances measure the tension in the cable.
- Students or teachers fit the magnetic parts of the kit to the Work Panel to study or demonstrate the shapes and tensions in a suspension cable.
- The kit compares a suspension cable with a catenary cable and analyses results using catenary and parabolic theory. It includes a roller chain (the cable), held by magnetically mounted sprocket pulleys and a set of weight hangers and weights.
- The versatility of the kit means that you can create symmetrical and non-symmetrical cables, with point loads or with evenly-spread loads.
- Supplies each kit with a fully illustrated User Guide containing theory, experiments and typical results.

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