

# Engineering Science



# STEM



The foundation of  
STEM education

[www.tecquipment.com](http://www.tecquipment.com)

The Engineering Science range has been developed with STEM curricula at its heart. It is the perfect partner for teaching foundation level up to technology familiarization programmes at post-graduate level.

The range offers 18 distinctive kits that provide over 60 experiments covering a variety of engineering topics. Along with over 1000 pages of worksheets and lecturer material, TecQuipment's Engineering Science range is the ideal system to deliver tailored and comprehensive STEM courses.

## COMPREHENSIVE EXPERIMENT KITS

Each kit offers multiple experiments – with over 60 experiments for the 18 kits, it is outstanding value for money.

All the kits are safe and simple to use, ideal for minimal supervision at many levels of STEM education.



## CONVENIENT STORAGE

Kits are housed in tough, stackable trays.

Purpose-built mobile storage unit offers you the flexibility to expand your range.



## LONG-LASTING WORK PANEL

Rugged, compact and easy to use – the Engineering Science work panel comes with over 1000 pages of worksheets, notes and lecturer material in PDF format.



## FLEXIBLE ORDERING

Start with one panel and one experiment, a bundle or buy the whole range – TecQuipment's Engineering Science range can be completely tailored to your needs and budget.



# Engineering Science Specialty Sets

Our specialty sets have been designed to offer comprehensive cover of specific engineering topics:

## FORCES AND MOMENTS (ESB1)

- Forces Kit
- Moments Kit
- 2 Work Panels

## MATERIALS TESTING (ESB2)

- Deflection of Beams Kit
- Torsion of Circular Sections Kit
- Tensile Tester Kit
- Spring Tester Kit
- 4 Work Panels

## SIMPLE MACHINES (ESB3)

- Pulley Kit
- Drive Systems Kit
- Gear Trains Kit
- Centrifugal Force Kit
- 4 Work Panels

## MECHANISMS (ESB4)

- Cam Crank and Toggle Kit
- Simple Mechanisms Kit
- Bar Linkages Kit
- Additional Mechanisms Kit
- 4 Work Panels

## VIBRATION, FRICTION AND ENERGY (ESB5)

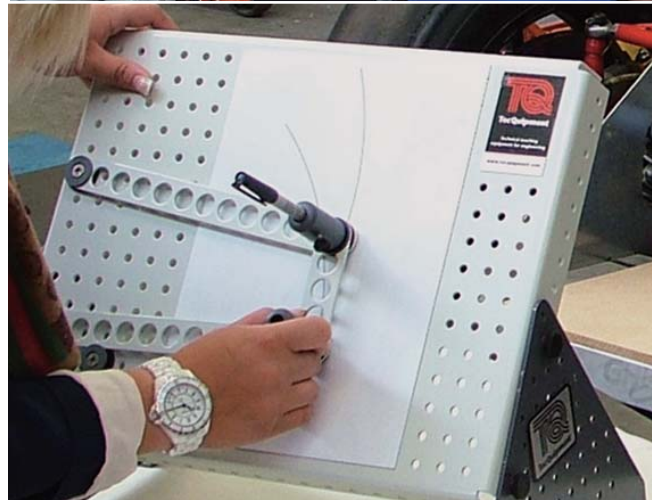
- Simple Harmonic Motion Kit
- Friction and Inclined Plane Kit
- Potential and Kinetic Energy Kit
- Rotational Friction Kit
- 4 Work Panels

All kits can be purchased separately.

## THE COMPLETE PACKAGE (ESF)

Offers the greatest value and capabilities:

- Each of the 18 experiment kits
- 3 Work Panels
- Spares Kit
- All fits into one strong convenient storage frame



For further information and to download our datasheets please visit our website at:

[www.tecquipment.com](http://www.tecquipment.com)

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