

STATICS FUNDAMENTALS



The Statics Fundamentals range offers teaching equipment for understanding the core principles required for civil and mechanical engineering disciplines. The range brings theories, such as concurrent and non-concurrent coplanar forces, Bow's notation, equilibrium theory, parabola theory, and many more, to life.

The range consists of a series of modular experiment kits that fit to the essential base unit (Statics Work Panel), these can be mixed and matched to suit teaching requirements.

FEATURES AND BENEFITS:

- **FLEXIBILITY:** Share one work panel between experiment kits, or one work panel for each kit.
- **HANDS ON:** Hands on: Large tactile parts for students to fit and adjust.
- **HIGHLY VISUAL:** Ideal for classroom demonstrations or groups of students.

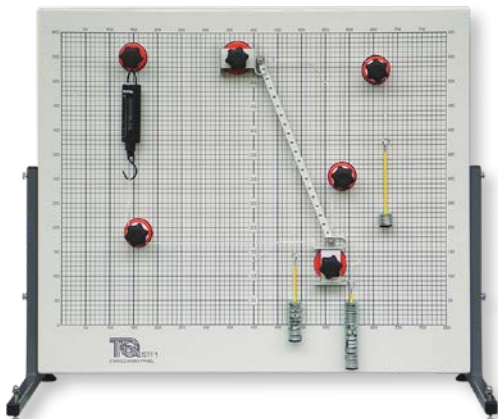
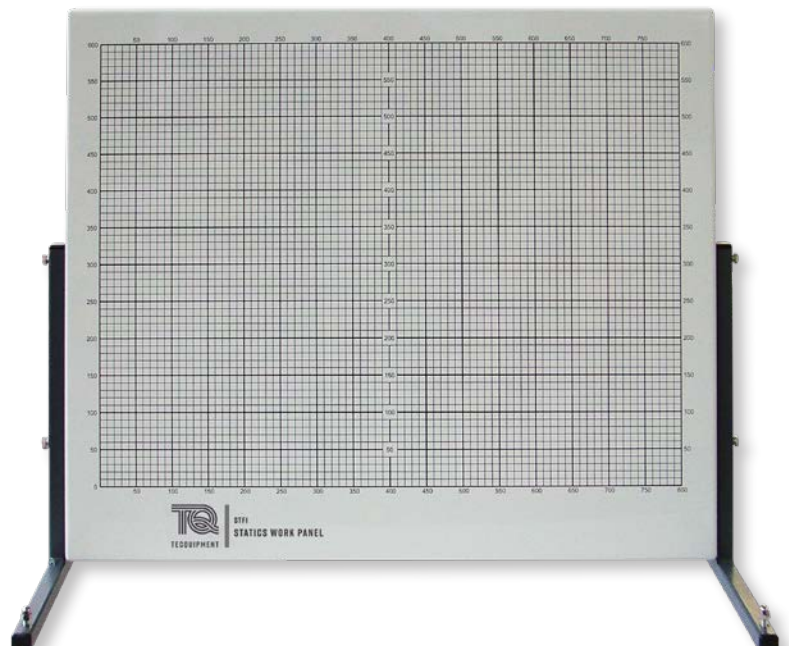
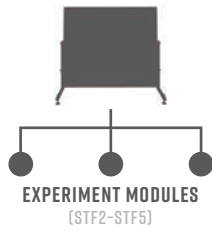
STATICS WORK PANEL

STF1

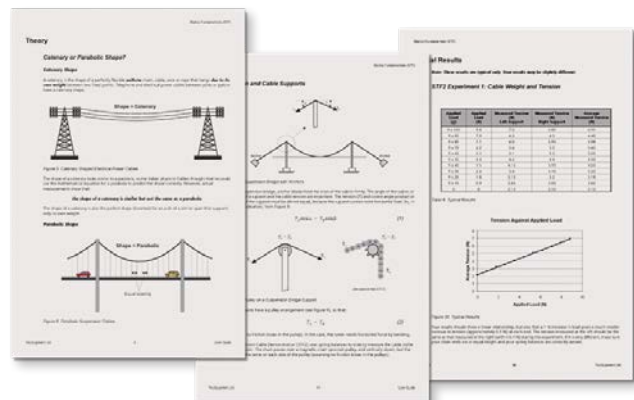
Work panel for use with TecEquipment's Statics Fundamentals (STF) range.



ESSENTIAL BASE UNIT (STF1)



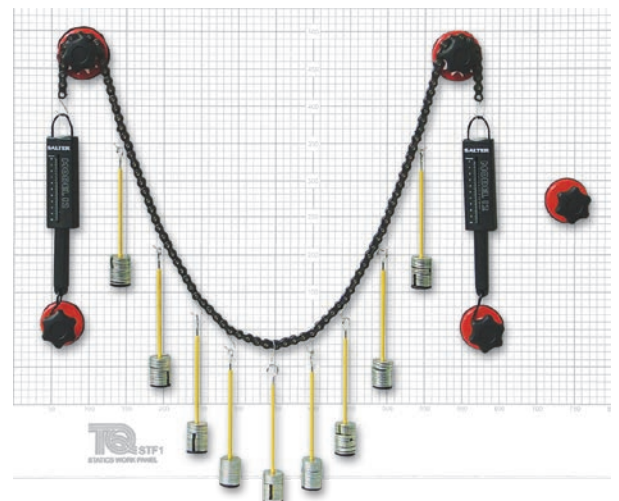
A STATICS FUNDAMENTALS EXPERIMENT KIT FITTED TO THE WORK PANEL



SUSPENSION CABLE DEMONSTRATION

STF2

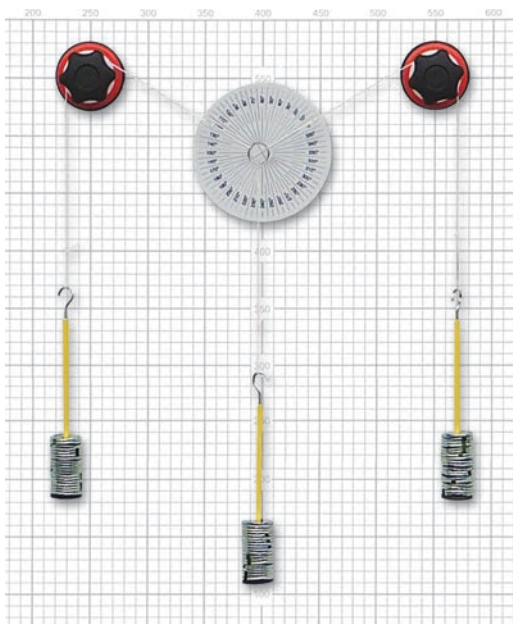
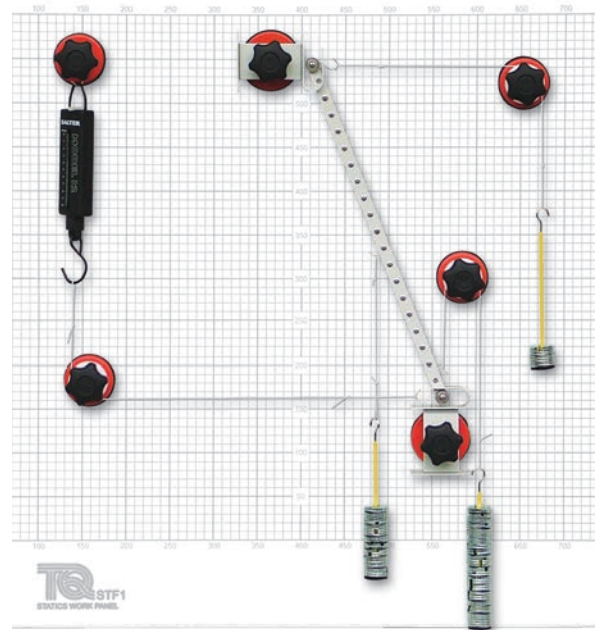
A kit for use with the work panel that demonstrates the tensions and shapes in a suspension cable, comparing them with theory.



EQUILIBRIUM OF A RIGID BODY

STF3

A kit for use with the work panel that demonstrates the forces around a ladder-type structure.



EQUILIBRIUM OF FORCES

STF4

A kit for use with the work panel for experiments with three or more coplanar forces at equilibrium and an introduction to Bow's notation.



EQUILIBRIUM OF A BEAM

STF5

A kit for use with the work panel for experiments with forces, moments and reactions around a beam at equilibrium.

