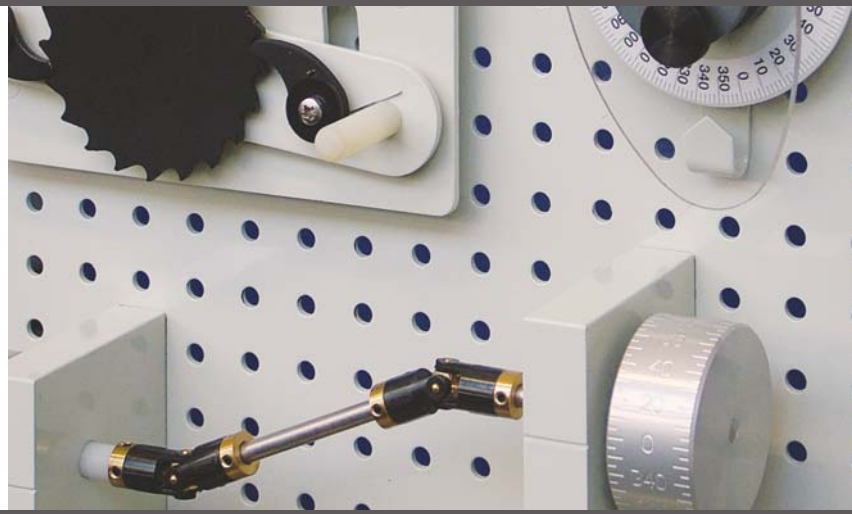
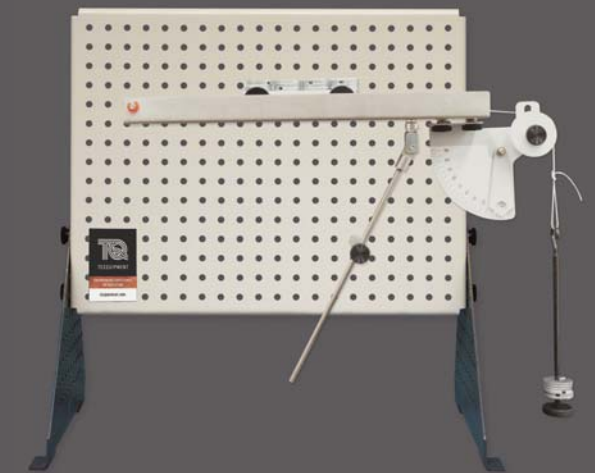


ENGINEERING SCIENCE

A modular system of 18 experiment kits and a work panel that addresses the fundamental principles of mechanical engineering.



TEC EQUIPMENT



FORCES AND MOMENTS

- FORCES KIT ES2
- MOMENTS KIT ES3

SIMPLE MACHINES

- PULLEY KIT ES10
- DRIVE SYSTEMS KIT ES11
- GEAR TRAINS KIT ES13
- CENTRIFUGAL FORCE KIT ES16

MECHANISMS

- CAM, CRANK AND TOGGLE KIT ES12
- SIMPLE MECHANISMS KIT ES14
- BAR LINKAGES KIT ES15
- ADDITIONAL MECHANISMS KIT ES18

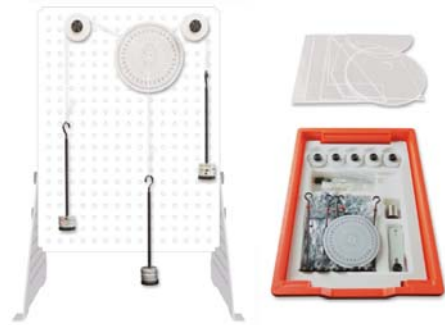
MATERIALS TESTING

- DEFLECTION OF BEAMS AND CANTILEVERS KIT ES4
- TORSION OF CIRCULAR SECTIONS KIT ES5
- TENSILE TESTER KIT ES6
- SPRING TESTER KIT ES19

VIBRATION, FRICTION AND ENERGY

- SIMPLE HARMONIC MOTION KIT ES7
- FRICTION AND INCLINED PLANE KIT ES8
- POTENTIAL AND KINETIC ENERGY KIT ES9
- ROTATIONAL FRICTION KIT ES17

EXPERIMENT KITS:



FORCES ES2



TORSION OF CIRCULAR SECTIONS ES5



FRICTION AND INCLINED PLANE ES8



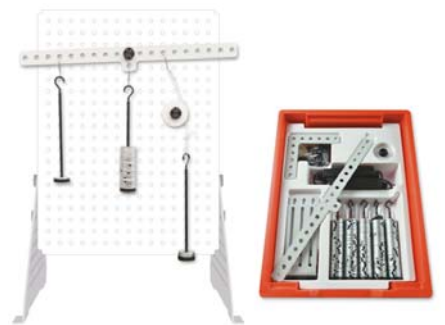
DRIVE SYSTEMS ES11



SIMPLE MECHANISMS ES14



ROTATIONAL FRICTION ES17



MOMENTS ES3



TENSILE TESTER ES6



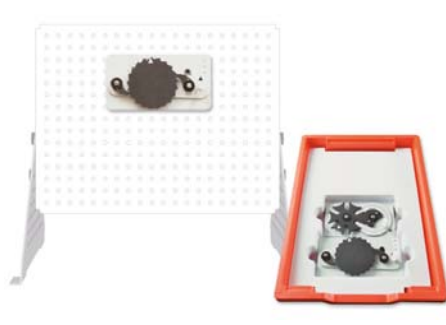
POTENTIAL AND KINETIC ENERGY ES9



CAM, CRANK AND TOGGLE ES12



BAR LINKAGES ES15



ADDITIONAL MECHANISMS ES18



DEFLECTION OF BEAMS AND CANTILEVERS ES4



SIMPLE HARMONIC MOTION ES7



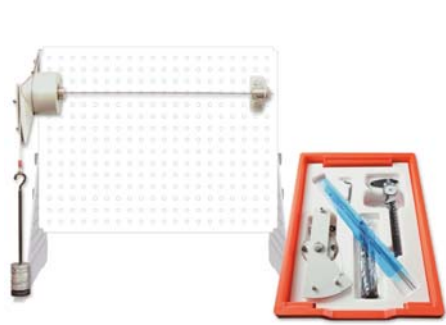
PULLEY ES10



GEAR TRAINS ES13



CENTRIFUGAL FORCE ES16



SPRING TESTER ES19

