

## Engineering Science

**ES1****Work Panel****Multiposition Work Panel for use with TecEquipment's Engineering Science kits**

- Perfect size for both experiments and simple classroom demonstrations
- Supplied with CD-ROM of all teaching material needed for the full Engineering Science range
- Stable and multipositional – can be used in many different ways to suit the experiments or demonstrations
- Solid, thick, perforated metal plate for long life and choice of fixing positions for the experiments
- Simple thumbscrews for safe, quick and easy assembly

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- **T** +44 115 972 2611 • **F** +44 115 973 1520 • **E** info@tecquipment.com • **W** www.tecquipment.com
- An ISO 9001 certified company

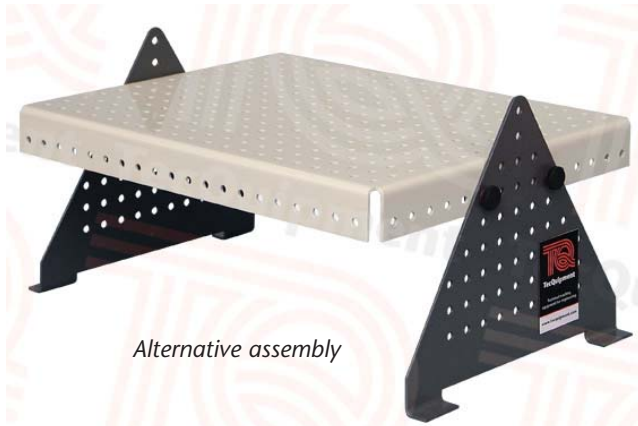
# ES1

# Work Panel

## Description

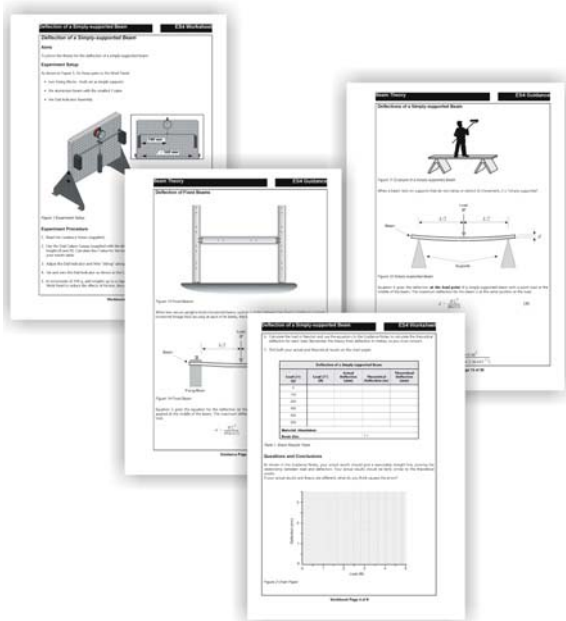
For use with TecEquipment's Engineering Science kits, the Work Panel fits on any standard desk or bench top. Students, teachers or lecturers fit the parts of their kit to the Work Panel (ES1) to study or demonstrate an engineering science topic.

The Work Panel has its main panel and two supports. All are made from thick perforated metal to allow students, teachers or lecturers to fit the parts of the kits and the Work Panel in any position suitable for the experiments.



*Alternative assembly*

TecEquipment supplies a CD-ROM with the Work Panel (ES1). This valuable resource includes reproducible worksheets, guidance notes and lecturer notes (with answers) needed for typical experiments with each kit. The selection of parts in the kits and the choice of fixing points on the work panel means that teachers or lecturers may extend the experiments to an even greater range.



*Typical guidance notes and worksheets (on CD-ROM)*

## Optional Experiment Kits

- Forces Kit (ES2)
- Moments Kit (ES3)
- Deflection of Beams Kit (ES4)
- Torsion of Circular Sections Kit (ES5)
- Tensile Tester Kit (ES6)
- Simple Harmonic Motion Kit (ES7)
- Friction and Inclined Plane Kit (ES8)
- Potential and Kinetic Energy Kit (ES9)
- Pulley Kit (ES10)
- Drive Systems Kit (ES11)
- Cam, Crank and Toggle Kit (ES12)
- Gear Trains Kit (ES13)
- Simple Mechanisms Kit (ES14)
- Bar Linkages Kit (ES15)
- Centrifugal Force Kit (ES16)
- Rotational Friction Kit (ES17)
- Additional Mechanisms Kit (ES18)
- Spring Tester Kit (ES19)

Refer to separate datasheets for full details.

## Standard Features

- Five-year warranty
- Manufactured in accordance with the latest European Union directives



*Typical kit shown fitted to Work Panel*

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# ES1

## Work Panel

### Operating Conditions

*For use in:*

Well lit classroom or laboratory

*Storage temperature range:*

-25°C to +55°C (when packed for transport)

*Operating temperature range:*

+5°C to +40°C

*Operating relative humidity range:*

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

### Essential Services

A level bench or desktop of at least 500 mm wide x 500 mm front to back.

### Specifications

*Assembled size (portrait):*

550 mm high x 380 mm wide and 280 front to back

*Assembled size (landscape):*

450 mm high x 480 mm wide and 280 front to back

*Nett weight:*

5.1 kg

*Packed volume and weight:*

Approximately 0.015 m<sup>3</sup> and 5.6 kg

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*innovation.*

*integration.*

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