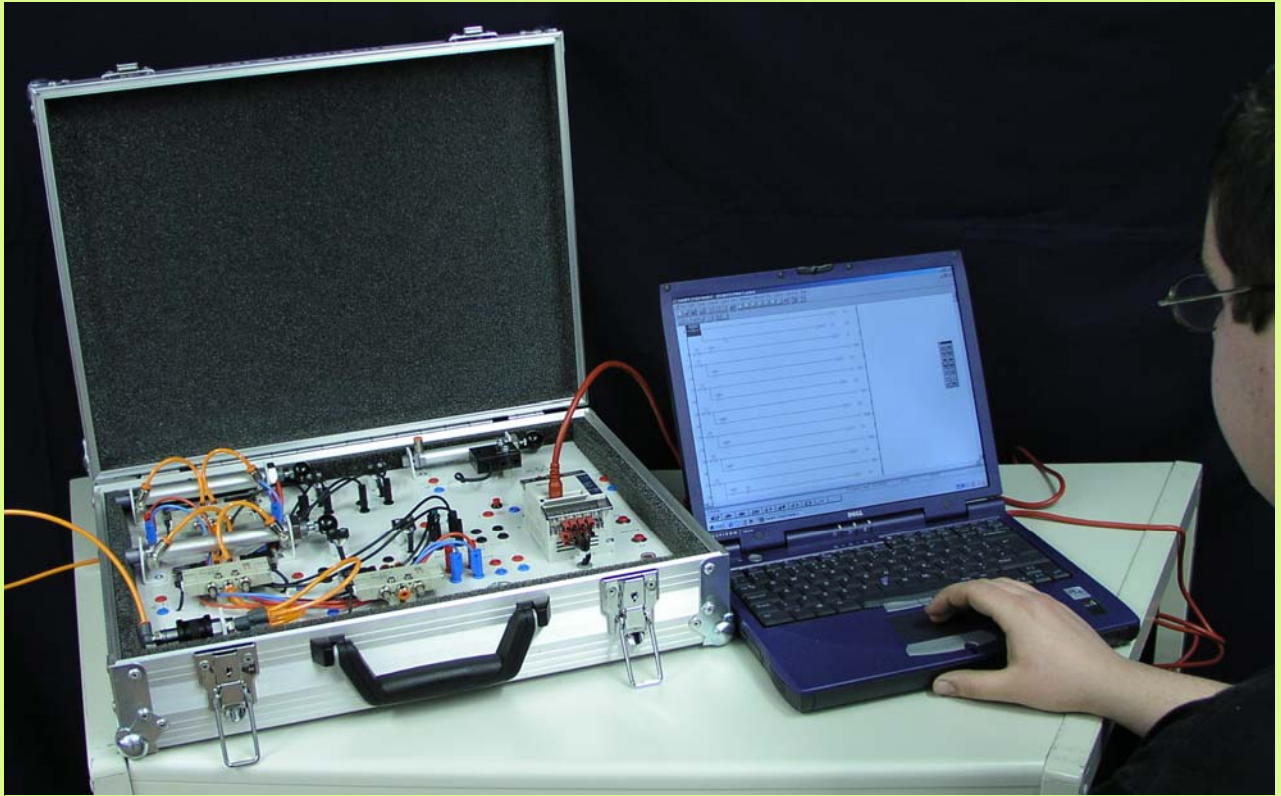


PROGRAMMABLE LOGIC CONTROL (P.L.C.) TUTOR KITS



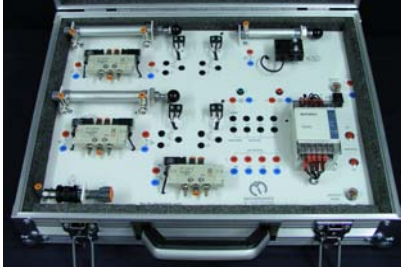
Practical 'Hands ON' training systems



MECHATRONICS

Rapid and constant changes in industrial technology raise the demand for new skills, increased knowledge and expertise to make the most of new technologies in ever more competitive markets.

Increased and new skills are of absolute importance for today's students – tomorrow's engineers. The **MECHATRONICS** range of tutor kits has been specifically designed to give practical and in-depth knowledge of Programmable Logic Control (P.L.C.). Thereby preparing students for further/higher education and entry into industry.



Tutor Kit with Mitsubishi FX1S

Circuit Building

Fully operational P.L.C. circuits can be constructed both quickly and easily, without the need for any tools. Students therefore get practical experience, raising their interest and therefore getting better results.

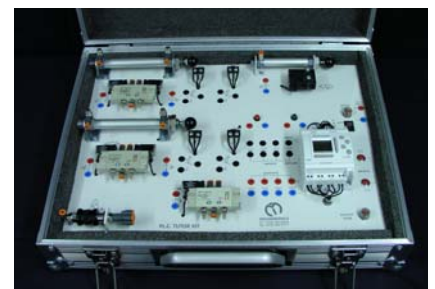


Tutor Kit with Siemens S7-200

Overall size (in case);
520mm x 390mm x 130mm

Weight: 7.3 Kg

A clean compressed air supply is required for efficient operation (ideally 1,5 bar minimum), along with a 24v dc electrical supply. We can offer a range of suitable compressors and power supply unit if required.



Tutor Kit with Mitsubishi ALPHA

Industrial Components

All components used in the tutor kits are genuine industrial items to give maximum exposure and familiarisation with the relevant technology.

Ease of Connection

Pneumatic connections are made by means of push-in industrial fittings, no tools being required. To make a connection, tubing is simply pushed into a fitting, release (dis-connect) of the tubing is by depressing the push ring fitting and pulling the tubing out.

Electrical connections use shrouded plugs and sockets throughout, for added safety.



Tutor Kit with Allen Bradley PICO

Features of Tutor Kits include:

- ✓ Ready to use and NO tools required
- ✓ Equipment mounted on panel 500mm x 370mm
- ✓ Panels powder coated and screen printed for durability
- ✓ Industry standard components used throughout
- ✓ All components labelled with their relevant symbol in accordance with I.S.O. standards
- ✓ Pneumatic components fitted with 4mm push-in fittings
- ✓ Electrical components ready wired to 2mm shrouded sockets
- ✓ Comprehensive user manual supplied, with easy to follow instructions and exercises

As standard all kits supplied complete with heavy-duty aluminium framed storage/transit case. This helps keep all components tidy and secure and means the kits can be stored and very easily transported to different locations.

User's manuals are supplied with the kits, covering the subject theory and numerous practical exercises.

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