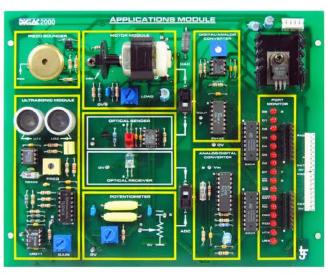
Control Electronics Pack







This collection of study cards is designed to connect to the 409-01 Experiment Platform or to the 300-01/300-02 Advanced Electronics Experiment Platforms* as part of a modular electronics programme.

PIC Microcontrollers are a great application for teaching a variety of electronic aspects. This practical resource provides an engaging introduction to control using microcontrollers.

The learner will investigate programming of input and output devices through a series of practical investigations. This resource is ideal for use within an intermediate electronics program.

This pack can be also be used in conjunction with our optional cloudbased software, which offers online practical electronics tasks as well as interactive theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

* Note: to connect to 300-01, 300-02, D3000 EXP or D3000 VIP2 you will also need a 409-02 Experiment Card Motherboard.

Practical Tasks Include the Following:

- Introduction to PICs and PICBasic Basic PICShell and Running a PIC
- Program
- Introduction to Programming
- . Ports and Input/Output
- . Loops and Sequences
- Arithmetic & Logic Operations and Delays
- Introduction to Interrupts

Items Included:

- PIC Microcontroller (429-13)
- Microcontroller Applications Board (316 - 35)
- Storage Cases
- . Manuals in PDF Format on CDROM
- . PC Connection Lead
- **USB-Parallel Adaptor**

Other Items Required:

Windows PC

490-01 Experiment Platform .

or

- Windows PC
- 300-02 Advanced Electronics Experiment Platform
- 409-02 Experiment Card Motherboard

See individual module information sheets for more specific details.

Order Code: 429-00

P8610-A

For more information visit www.ljcreate.com

General Information:

Dimensions: 50 x 238 x 175 mm (W, H, D) Shipping Volume: Approx. 0.006 m³ Shipping Weight: Approx. 1.2 kg

