

Desktop Factory



Students from Quilley School of Engineering, Eastleigh Consortium

The FLEXY1 Desktop Factory is a complete system for supporting teaching and learning in many essential aspects of the Engineering Diploma. It is an example of an automated electro-pneumatic manufacturing process. It provides a modular and 'flexible' approach to learning activities across multiple applied technologies.

FLEXY1 will produce a photo key ring using a 'pick, place and press' pneumatic process controlled by student-developed PIC programs.

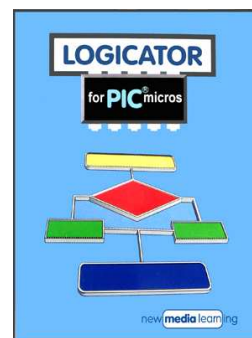
FLEXY1 is manufactured using standard industrial components, providing an example of a real industrial flexible manufacturing system.



FLEXY1 is supplied as a complete class resource containing one Desktop Factory unit and PIC microcomputer control board, plus a class set of 10 simulator boards.

FLEXY1 comes complete with a site-licence for 'Logicator for PIC micros' - the leading flowchart control software for developing single-chip computer control applications by a process of design.

FLEXY-1 is supplied pre-assembled



www.inspire-technologies.co.uk

The Desktop Factory is a collaborative development

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