



Description

The Lynxmotion AL5D PLTW Robotic Arm Kit is an advanced educational robotic arm system designed for precision motion control, automation training, and STEM/PLTW programs. The kit combines a robust AL5D robotic arm with a USB control board and powerful PC-based software, enabling intuitive and accurate positioning control through a graphical user interface.

Key Features

- **Robotic Arm:** Lynxmotion AL5D articulated robotic arm
- **Control Interface:** USB control board for direct PC connectivity
- **Control Method:** Advanced positioning control using mouse-based operation
- **Software:**
 - Includes licensed **full version of FlowBotics Studio** programming software
 - Graphical, flowchart-based programming environment for easy learning and rapid development

Capabilities

- Precise multi-axis motion control
- Real-time manual and programmed operation
- Suitable for pick-and-place, positioning, and automation experiments

Educational Applications

- Robotics and automation training
- Mechatronics and control system education
- STEM and PLTW curriculum integration
- Research and demonstration of robotic arm kinematics

System Requirements

- PC with USB interface and compatible operating system (as required by FlowBotics Studio)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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