Description

- AL5A arm with SSC-32U USB board and Powerful PC Software
- Advanced inverse kinematics positioning control using mouse
- Includes license for full version of FlowBotics studio software
- Wrist rotate sold separately (three options)

The Lynxmotion AL5A 4DOF Robotic Arm SSC-32U Combo Kit (FlowBotics Studio) controlled with the SSC-32U USB board and FlowBotics Studio programming software. The AL5A robotic arm delivers fast, accurate, and repeatable movement. The robot features: base rotation, single plane shoulder, elbow, wrist motion, a functional gripper, and optional wrist rotate. The AL5A robotic arm is an affordable system with a time tested rock solid design that will last and last. Everything needed to assemble and operate the robot is included in the kit.

The Mechanics
The aluminum robotic arm is made from Servo Erector Set components for the ultimate in flexibility and expandability. The kit consists of black anodized aluminum brackets, Aluminum tubing and hubs, custom injection molded components, and precision laser-cut Lexan components. The arm uses 1 x HS-422 in the base, 1 x HS-755HB in the shoulder, 1 x HS-645MG in the elbow, 1 x HS-422 in the wrist, and 1 x HS-422 in the gripper.

Arm Control Options

FlowBotics Studio is an easy to use graphical program which allows you to easily get your AL5 robot up and running without the need to create code. Use the AL5 Arm project included with the software to manipulate the real arm using the virtual arm, and create, record and play back your own sequences. Software allows for wrist rotation and additional servos.
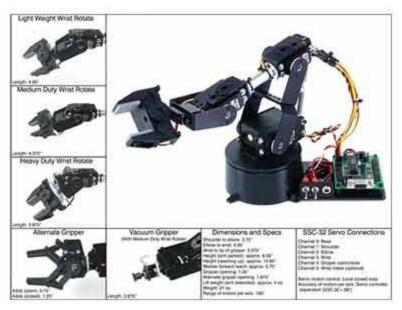
Features

- AL5D arm with SSC-32U USB board and Powerful PC Software

- Includes license for full version of FlowBotics Studio software
- Advanced inverse kinematics positioning control using mouse
- Easily control up to two arms with a single Servo Controller
- Includes everything you need to control the arm from a personal computer (USB port)

Specifications

What's Included

- All required hardware for AL5A
- Gripper and gripper attachment kit
- Base rotate
- Electronics carrier
- SSC-32U servo controller
- USB cable
- Wall adaptor
- 3 x HS-422 (a HS-425BB or HS-322HD may be substituted) standard-size servos
- 1 x HS-645MG standard-size servo
- 1 x HS-755HB large-scale servo
- Includes FlowBotics Studio Software

Useful Links

Website

- [Lynxmotion user and assembly guides](#)

Blog

- [How to Choose a Lynxmotion Robotic Arm](#)

Multimedia

https://www.youtube.com/watch?v=njkyA37yOr0
https://www.youtube.com/watch?v=njkyA37yOr0