

## A-2302-01: 4 Degree-of-Freedom R-Series SCARA Arm

A fully integrated collaborative manipulation platform.



R-Series Actuators *Default Configuration*	HEBI Mounting Brackets and Wiring Included 2x R8-3 (Wrist and Elbow) 1x R8-9 (Base) 1x R8-16 (Shoulder)
Add-on Accessories	1x Gas Spring ( ↑ Payload, ↓ Workspace) 1x HEBI Gripper Assembly
Mechanical Features	IP67 (Dust-Tight and Temporary Submersion) T-Slot Extrusion (80/20®) Frame Included with Kit Easy integration of additional components or sensors
Software	Joystick Control with the HEBI Mobile I/O App (iOS & Android) Example code in MATLAB, C, Python, and ROS

Weight (w/o T-Slot Frame)	3.5 kg
Max Reach	650 mm
Payload* @ Max Reach	1.0 kg
Half Reach	325 mm
Payload* @ Half Reach	4.0 kg
Gripper Max Finger Torque (R8-9)	1.1 Nm
Gripper Max Finger Force (50mm from Pivot)	23 N
Parallel Gripper Stroke Length	82 mm
*Payload calculated using default arm configuration <b>without</b> a gas spring* Arm and Gripper configuration are customizable upon request.	

### Workspace

