X-SERIES
RESEARCH MANIPULATOR ARMS

ReactorX 200

COMPATIBLE WITH

INTERBOTIX | **ROS** | **GAZEBO** | **MoveIt**

CUSTOM 3D PRINTED END-EFFECTORS

The X-Series gripper carriages are designed for users to quickly and easily change the gripper fingers for different projects. CAD files for the gripper are available for download, if you can design it and 3D print the customization is endless. Included with the arm are sticker backed foam to increase gripping strength while relieving stress on the gripper servo.

Easily Repairable

The X-Series arms are made for the lab, our arms are intended to be worked on and we've made it as easy as possible to keep your manipulator up and running. Quickly and easily swap out motors that need to be replaced, lengthen or shorten the arm to your needs. Everything you need to repair your platform is kept in stock, making it easy to keep your equipment up and running with minimal downtime.

POWERED BY INTERBOTIX

Interbotix is Python-based API framework for easily interfacing with ROS(2) through lightweight and intuitive modules, and a promise you'll be up and running in less than an hour. We provide you with the resources and documentation you need to get up and running quickly and stay out of the ROS plumbing.

INTERBOTIX | Learn More About Interbotix

WIDOWX FEATURES

5
Degrees of Freedom (DoF)

150g
Payload Capacity

550mm
Arm Reach

1100mm
Arm Span

TrossenRobotics.com/ReactorX-200

Interested in the Aloha ViperX Follower Arms? Contact our sales team: Sales@TrossenRobotics.com

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ReactorX 200

SPECIFICATIONS

Degrees of Freedom	5 Degrees
Reach	550mm
Span	1100mm
Repeatability	2.5mm
Accuracy	5-8mm
Working Payload	150g
Interbotix	✓
Works with ROS 1/2	✓
Works with MoveIt	✓
Works with Gazebo	✓
Works with Python-ROS	✓
Servos	3X XM430-W350-T | 4X XL430-W250-T
Communication Hub	DYNAMIXEL U2D2
Power Supply	12 Volt - 5 Amp
Parallel Gripper Kit	✓
Tools and Bolts	All Included
Wrist Rotate	Yes
Weight	1.9kg / 4.2lbs

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ReactorX 200

TECHNICAL DRAWING

Dept. Engineering	Technical reference RX-200-QS	Created by Levi Todes	8/28/2019	Approved by Matt Trossen	8/28/2019	
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	INTERBOTIX	Title ReactorX-200 Desktop Robot Arm		DWG No. 4		
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Dimensions shown: 57.99, 57.99, 93, 103.07, 50, 200, 200, 205.73, 248.54, 103.91, 65, 66, 43.15, 174.15

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