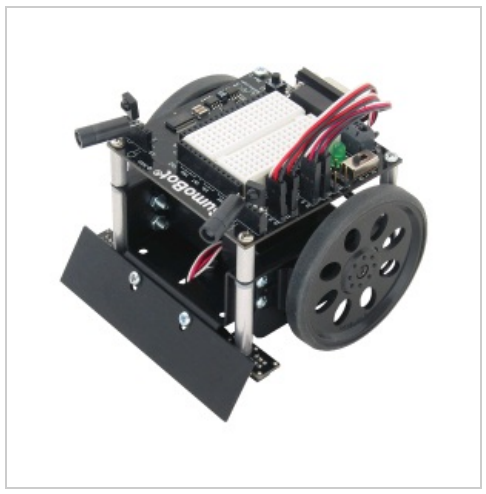
SumoBot Robot



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$129.99

1-9	10-19	20+
$129.99	$116.99	$110.49

Overview

A Parallax USB to Serial (RS-232) Adapter and a USB A to mini B Cable is available for those who require a USB connection.

If you think one robot is interesting, wait until you see two of them battling for control Sumo-style. The SumoBot® Robot is a competition-ready robot designed within the Northwest Robot Mini-Sumo Tournament rules. This little pusher will locate and knock its opponent right out of the ring while detecting the outside circle should an escape move be necessary.

Hold your wrestling matches on the durable 36 x 36 in. SumoBot Robot Competition Ring Poster as described in Applied Robotics with the SumoBot; available separately and as part of the 2-robot SumoBot Robot Competition Kit.

Key Features

- Durable robot hardware sporting a black anodized aluminum chassis and scoop, servo motors, and all the required components
- A surface-mount BASIC Stamp control board hosts the included infrared object sensor electronics for spotting your opponent, plus a breadboard for customizing your robot
- Under-chassis QTI Sensors detect black and white surfaces, such as the edge of the sumo wrestling ring
- The SumoBot Manual provides assembly directions, basic sensor-based navigation techniques, and autonomous opponent-hunting programs using artificial intelligence

Details

Downloads & Documentation

Additional Resources

SumoBot Robot Competition Ring

Applied Robotics with the SumoBot Text

SumoBot Robot Competition Kit - Serial (w/USB Adapter & Cable)

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