

IoT Robotics Competition Kit 2020-2021 TECHNICAL SHEET World Educational Robotics Tournament - USA Chapter

Description:

The kit contains the parts needed to perform the four pre-determined tests for WER USA 2020-2021 Internet of Everything Competition. It has more than 400 structural plastic parts.

Box Dimensions: 15in x 12in x 3in












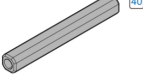

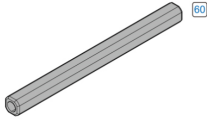
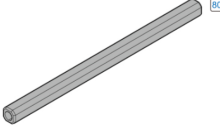










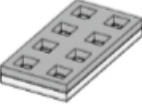


Approximate Weight: 5.5 lbs



Kit elements:

- **WER Competition Arena (3.9ft x x 7.8ft)**
- **Double-sided tape**
- **Cloth cover double-sided adhesive tape**
- **Fastener hook side**
- **Fastener loop side**
- **Assembly Manuals SK201-T2020 Disc**
- **Plastic Parts:**
 - Plastic parts are used in the assembly of projects, whether for structural, power transfer, energy, data or aesthetic purposes.
 - Plastic Parts: 396

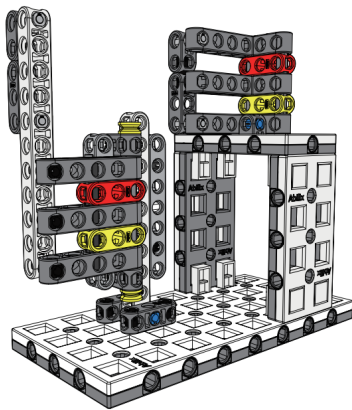
Plastic Parts:

Part List				
Porous beam 20mm x24 	Porous beam 30mm x42 	Porous beam 30mm x5 	Porous beam 30mm x2 	Axle sleeve x23 
Square beam x5 	Beam 70mm x23 	White Beam 110mm x18 	L (90°) Beam x14 	Angular Beam (126.87°) x6 
Axle (30mm) x8 	Axle (40mm) x5 	Axle (50mm) x5 	Axle (60mm) x10 	Axle (80mm) x1 
Bolt (20mm) x119 	Bolt (30mm) x38 	Magnet x14 	Black gear #2 x1 	Yellow gear #2 x1 
L (90°) Coupling x12 	U Coupling x1 	Marble x1 	Middle L connector x8 	Slide bearing x1 
slab #1 x3 	Slab #4 x4 	Bottle with Magnet x 2 		

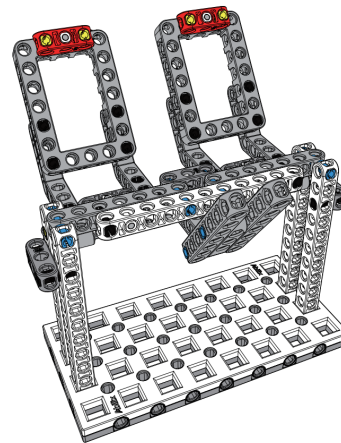
Tests

Predetermined Tests

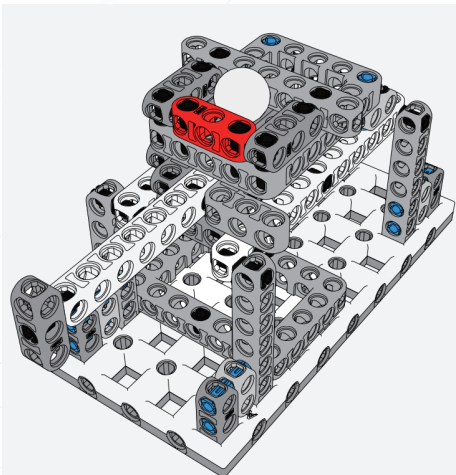
Network Change



Information Coding



Data Download



Information Processing

