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### Basic Fun 520 15237

# K'NEX Architecture: London Eye Ferris Wheel Instruction Manual

Model: 520 15237 | Brand: Basic Fun

## 1. PRODUCT OVERVIEW

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The K'NEX Architecture London Eye Ferris Wheel building set allows you to construct an authentic and motorized replica of the iconic London Eye. This set is designed for builders aged 9 and above, offering a challenging yet rewarding construction experience. It features 1,861 K'NEX rods and connectors that snap together to form a detailed model standing approximately 60 cm (24 inches) tall. The included motor provides realistic movement, bringing your creation to life.

K'NEX building sets promote developmental growth, including fine motor skills, dexterity, and spatial awareness, contributing to a better understanding of STEM (Science, Technology, Engineering, and Mathematics) subjects.



Image 1.1: Fully assembled K'NEX London Eye Ferris Wheel model, showcasing its intricate design and scale.

## 2. SAFETY INFORMATION

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- **Warning:** This product contains small parts and is not suitable for children under 3 years of age due to choking hazards.
- Adult supervision is recommended during assembly, especially for younger builders.
- Keep packaging materials away from children to prevent suffocation.

## 3. PACKAGE CONTENTS

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Upon opening the box, verify that all components are present. The K'NEX Architecture London Eye set includes:

- 1,861 K'NEX rods and connectors
- 1 Motorized unit
- Detailed step-by-step building instructions
- Historical information about the London Eye landmark



Image 3.1: The K'NEX London Eye product packaging, showing the assembled model and key features.

## 4. SETUP AND ASSEMBLY

Assembly of the K'NEX London Eye requires careful attention to detail. Follow the included step-by-step instructions precisely.

- Preparation:** Unpack all components and organize them by type and color. This will significantly aid in the building process.
- Building the Structure:** Begin by following the instructions to connect the rods and connectors. K'NEX pieces are designed to "click" together securely. Ensure each connection is firm to maintain the structural integrity of the model.
- Motor Installation:** Locate the motorized unit. Install 2 AA batteries (not included) into the motor compartment, ensuring correct polarity. Refer to the instructions for the exact placement of the motor within the London Eye structure.
- Final Checks:** Once assembly is complete, review the model against the instruction diagrams to ensure all parts are

correctly placed and secured.



Image 4.1: An angled view of the completed K'NEX London Eye model, highlighting its structural complexity.

## 5. OPERATING INSTRUCTIONS

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The K'NEX London Eye features a motorized function to simulate the real landmark's rotation.

- Ensure batteries are correctly installed in the motor.
- Locate the ON/OFF switch on the motorized unit.
- Flip the switch to the "ON" position to activate the motor and begin the rotation of the London Eye.

- To stop the rotation, flip the switch to the "OFF" position.

## 6. MAINTENANCE

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- **Cleaning:** To clean the model, gently wipe with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the model in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Battery Care:** Remove batteries from the motorized unit if the model will not be used for an extended period to prevent battery leakage.

## 7. TROUBLESHOOTING

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- **Motor Not Working:**

- Check if the batteries are inserted correctly with the correct polarity.
- Replace old batteries with new ones.
- Ensure the motor's connections to the model are secure and free from obstructions.

- **Model Not Rotating Smoothly:**

- Verify that all K'NEX connections are fully engaged and secure. Loose connections can cause misalignment.
- Check for any misaligned or bent pieces that might be causing friction.
- Ensure the model is placed on a flat, stable surface.

- **Missing Pieces:**

- Carefully re-check the packaging and surrounding area for any small pieces that might have been overlooked.
- If pieces are genuinely missing, contact Basic Fun customer support for assistance.

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	520 15237
Brand	Basic Fun
Number of Pieces	1,861
Assembled Dimensions (approx.)	48.26 x 60.96 x 66.04 cm (19 x 24 x 26 inches)
Weight (approx.)	1.5 kg (3.3 lbs)
Material Type	Plastic
Motorized	Yes
Batteries Required	Yes (2 AA batteries, not included)
Recommended Age	9+ years
Educational Objectives	Dexterity, Motor Skills, Spatial Reasoning, STEM

## 9. WARRANTY AND SUPPORT

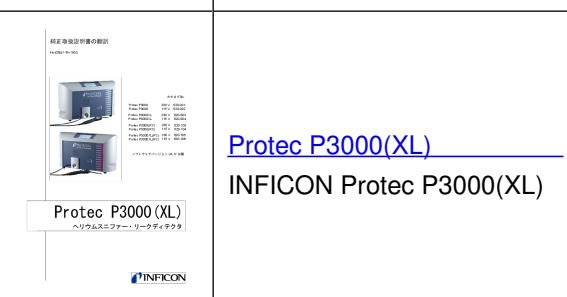
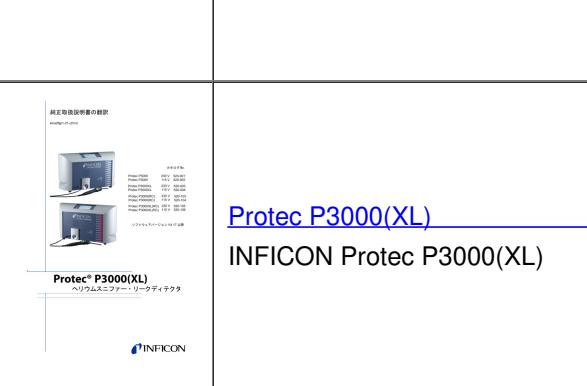
For information regarding product warranty, replacement parts, or technical support, please contact Basic Fun customer service.

- Visit the official Basic Fun website for contact details and FAQs.
- Retain your proof of purchase for warranty claims.

**Note:** Specific warranty terms may vary by region. Please refer to the documentation included with your product or the manufacturer's website for the most accurate and up-to-date information.

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### Related Documents - 520 15237

	<p><a href="#"><u>K'NEX Motorized Models Building Set: Instructions and Building Ideas</u></a></p> <p>Comprehensive instructions and building ideas for the K'NEX Motorized Models Building Set. Learn how to assemble various models like the Apple, Scorpion, Tractor, and more, with tips on battery usage and parts.</p>
	<p><a href="#"><u>Protec P3000(XL)</u></a></p> <p>INFICON Protec P3000(XL)</p>
	<p><a href="#"><u>Danfoss VLT® FlexMotion™: Sistema Flessibile di Servoazionamenti per Macchine Industriali</u></a></p> <p>Scopri il sistema Danfoss VLT® FlexMotion™, una soluzione di servoazionamento scalabile e aperta che offre massima flessibilità per applicazioni centralizzate e decentralizzate in macchine industriali. Esplora moduli come MSD 520, ISD 520 e DSD 520.</p>
	<p><a href="#"><u>Protec P3000(XL)</u></a></p> <p>INFICON Protec P3000(XL)</p>

 <p>Translation of the original operating manual</p> <p>Protec P3000(XL) Helium Sniffer Leak Detector</p> <p>INFICON</p>	<p><a href="#"><u>INFICON Protec P3000(XL) Helium Sniffer Leak Detector Operating Manual</u></a></p> <p>Comprehensive operating manual for the INFICON Protec P3000 and Protec P3000XL helium sniffer leak detectors. Covers installation, operation, settings, maintenance, and troubleshooting for precise leak detection.</p>
 <p>ORIGINAL-BETRIEBSANLEITUNG</p> <p>Protec P3000(XL) Helium-Lecksuchgerät</p> <p>INFICON</p>	<p><a href="#"><u>Protec P3000(XL) Helium-Lecksuchgerät Betriebsanleitung</u></a></p> <p>Umfassende Betriebsanleitung für das INFICON Protec P3000(XL) Helium-Lecksuchgerät. Enthält Informationen zu Installation, Betrieb, Wartung, technischen Daten und Sicherheitshinweisen für präzise Lecksuche.</p>