

WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

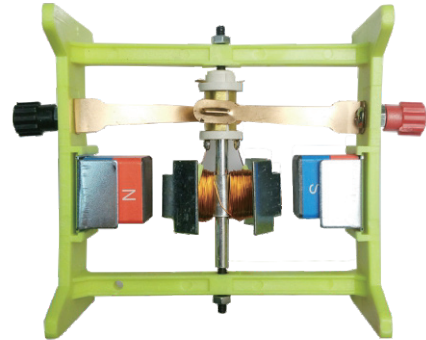
Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555



Mini Electric Motor

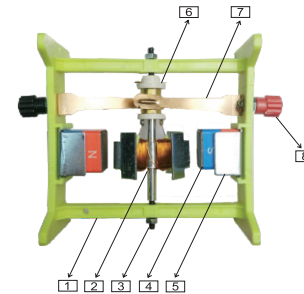


USER MANUAL

I. Introduction

The small motor model can familiarize students with the main structure of the motor and the working principle of DC motor. Through the observation of the small motor, the students can have a rough understanding of DC motor, knowing the relationship of current direction and the direction of magnetic pole. And further, students can learn that the electrical energy can be converted into mechanical energy.

II. Structure Principle



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|----------------|--------------------|----------------|
| 1. Motor rack | 2. Rotor | 3. Shaft screw |
| 4. Magnet | 5. Magnet frame | 6. Commutator |
| 7. Motor brush | 8. Conductor joint | |

III. Usage for Experiments

1. Before using, check the rotor to adjust the tightness of the rotor.
2. Use hand to make the magnet rotor around 60° Angle with the motor rack and then turn on 4 to 6 V DC power.
3. Change the current direction of the power supply, and observe whether the rotation direction of the coil changes.
4. Exchange the magnet N & S to change the direction of the magnetic force line and observe whether the rotation direction of the coil changes.
5. Change the current with the rheostat and observe how the rotation speed of the coil changes.
6. Change the size of the power supply voltage and observe how the rotation speed of the coil changes.
7. Observe whether the coil rotates when the magnetic poles of two magnets are relatively the same.
8. Remove the two magnets, and observe whether the coil rotates.