

Name: Basic Motor & Generator Training System_Table Top Type.

Model: ZT-MGT2109

Brand: ZerOne

Origin: Bangladesh

Details: It is an electrical machine lab instrument. This is the Basic Motor and Generator Training System. This is the Basic Motor and Generator Training System. DC Compound motor & DC Compound Generator is a device that converts mechanical energy to electrical energy. A compound DC generator is one in which the series flux and shunt flux cumulatively add as the load increase. In this device the DC compound motor & DC compound generator are cementationed face to face.



Specification:

<p>Control Board:</p> <ul style="list-style-type: none"> ✓ Power : 1Phase AC 220V ✓ DC Digital Voltage Meter : 1 ✓ DC Analog Voltage Meter : 2 ✓ DC Digital Ampere Meter : 1 ✓ MCB : 2Auto ✓ DC Power Supply: 1 Set ✓ Electric Machine Assembly: 1 Set ✓ Style : Steel, Portable Type 	<p>Electrical Machine:</p> <ul style="list-style-type: none"> ✓ DC Compound Motor : 1 Set ✓ Voltage : DC 220V ✓ Output : 360Watt(1/2HP) ✓ Number of Pole : 2 Poles ✓ Excitation Type : Compound ✓ Rating Speed Counter : 1800rpm(1500rpm) ✓ Style : Semi-enclosed Type ✓ DC Compound Generator: 1 Set 	<p>DC Compound Generator: 1 Set</p> <ul style="list-style-type: none"> ✓ Voltage : DC 220V ✓ Output : 360Watt(1/2HP) ✓ Number of Pole : 2 Poles ✓ Excitation Type : Compound(Series, Shunt) ✓ Rating Speed Counter : 1800rpm(1500rpm) ✓ Style : Semi-enclosed Type
--	--	---

Experiment:

Experiment 1: Starting method of shunt motor and speed control.

Experiment 2: Forward-and-reverse operation method of DC motor.

Experiment 3: Series Motor Connection and Output observation of DC Motor & Generator.

Experiment 4: Shunt Motor Connection and Output observation of DC Motor & Generator.

Experiment 5: Compound Motor Connection and Output observation of DC Motor & Generator.

Experiment 6: Series Generator Connection and Output observation of DC Motor & Generator.

Experiment 7: Shunt Generator Connection and Output observation of DC Motor & Generator.

Experiment 8: Compound Generator Connection and Output observation of DC Motor & Generator.

Experiment 9: Characteristic Experiment of Self- Excited DC generator.

Experiment 10: Characteristic Experiment of Separately Excited DC Generator.

[URL:https://zeronetechbd.com/product/details/name-basic-motor-generator-training-system-table-top-typezts021](https://zeronetechbd.com/product/details/name-basic-motor-generator-training-system-table-top-typezts021)