

WS-WFG1

Wind Power Generation Structure System

Introduction

- This trainer is designed to learn a principle and structure of a wind power generator.
- Wind power generator is assembly type and we need to assemble a rotor and stator of a generator.

Experiment

- The Principle of Generator
- DC & AC Generator by Permanent Magnet
- DC Generator by Magnetic Field Winding
- The Three phase Generator
- Rotation Magnetic Field type Single Phase AC Generator
- Rotary Armature type Generator
- DC Motor / Induction Motor
- Synchronous Motor
- DC Motor by Permanent Magnet



Specification

- Main Voltage : 1 Phase 220 ~ 240V / 50/60Hz
- Meter & Switch Block
- Wind Power Generator Assemble Part



[Assemble Part]

- Brush & Brush Holder
- Rotor : 2 & 3 Poles

- Magnetic Pole
- Field Coil

- Alnico Magnet
- Belt / Bulb / Wrench

■ Experiment Module

- WS-WFG1-01 Load Module
 - DC Load
 - AC Load
- WS-WFG1-02 Resistor Module
 - Starting Resistor
 - Field Resistor

Accessory

- Experiment Manual : 1 Copy
- Power Cable : 1EA
- Test Lead (Banana Plug) : 1Unit
- Dust Cover : 1EA

01

02

03

04