



## DLWD-ZLFD DC Motor Starting and Speed Regulation System

### ■ Overview

- DC motors are composed of permanent magnet DC motor, DC separately excited motor, speed measuring device, power supply, speed controller and display devices etc. Dc motors can either be combined to training or effect training seperately. It can be used to do both speed mesuring experiment and experiments of DC motor DC power generation.

### ■ Technical Parameter

- Input voltage: single-phase, three-wire 220V $\pm$ 10% 50Hz/60Hz
- Output voltage: AC 220V Safety terminal output, AC 24V Safety terminal output
- Adjustable power supply: Armature supply: DC 0-220V 5A, excitation source : DC 220V 2A

- Working environment: ambient temperature range  $-5\sim 40^{\circ}\text{C}$
- Capacity: AC <1.5KVA
- Total dimension: 800 x 200 x 200mm
- Motor parameter
- DC separately excited motor

Rated power:  $P_n=185\text{W}$       Rated voltage:  $U_n=220\text{V}$

Rated frequency:  $F_n=50\text{Hz}/60\text{Hz}$       Rated current:  $I_n=1.25\text{A}$

Insulation grade: Class E      Rated speed:  $1500\text{r/min}$

Enclosure protection class: IP44

- Permanent magnet motor

Rated power:  $P_n=125\text{W}$       Rated voltage:  $U_n=220\text{V}$

Rated frequency:  $F_n=50\text{Hz}$       Rated current:  $I_n=0.8\text{A}$

Insulation grade: Class E      Rated speed:  $1500\text{r/min}$

Enclosure rating: IP44