



## DLDZ-PID Power Electronics Training System

### Equipment system function

The circuit experiment box motherboard is made of 2 mm thick printed circuit board, front printed with components graphic symbols and relevant attachment, opposite is printed wire, and welding related components, the motherboard set with several high reliable multi-function chips socket several high reliable silver coating long copper tube, for insert resistor capacitor, diode and the transistor, etc, and with the universal bread board for insert all kinds of components.

### System feature

1. Comprehensive training programs are abundant, components are silk-screened clearly, the installation is exposed, and the image is intuitive.
2. High safety, Good short circuit protection and overload protection. Different terminals are used for strong and weak current.
3. Provide Temperature (PT-100), Lamp (CDS), Rotation (IR)

Rotation sensor interface: F / V converter with offset and gain control

Temperature sensor interface: DC amplifier with bias and gain control

Photoelectric sensor interface: CDS-based sensor with interference control

4, Provides on / off control: comparator with hysteresis control

5, it provides PID controller: proportional, integral and derivative, feedback control

6, Provide PWM controller / driver: DC to DC PWM driver, level shift control