

## Relay Control System Trainer



**Product Categories:** [Control Lab](#), [Control Lab](#), [Electronics](#), [Engineering Equipment](#)

**Product Page:** <https://www.labappara.com/product/relay-control-system-trainer/>

### Product Description

#### Relay Control System Trainer

The relay is basically an electro mechanical device which comprises one or more set of contacts, open or closed by an electromagnet. The basic structure of relay is in form of coil. The relays is an important primary control element in a control system which is being controlled by an electrical signal gives advantage of cost reduction. These system deliberately introduced as on off control. This set up is designed to study of such relay control system characteristics. The set up has simulated relay with simulated process. There are three continuously variable controls. One is AMPLITUDE, meant to control the reference single amplitude. Another two controls are related with relay controller.

#### **TECHNICAL SPECIFICATIONS**

Simulated electronic relay using high speed IC's.

Simulated 2nd order linear plant.

Facility for displaying  $x$  and  $x$  signals.

Dead zone variable from 0-600mV app.

Hysteresis variable from 0-500mV app.

Built in signal sources :

Sine wave : 0-1V (min.) variable amplitude.

Square wave : 0-1V (min.) variable amplitude.

IC regulated internal power supplies.

220V  $\pm 10\%$ , 50Hz mains operated.