

## Dc Motor Position Control Trainer



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

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

### Product Description

Dc Motor Position Control Trainer

#### **Technical Specifications:**

Study of DC motor position.

Position control of a 12 volt/1 Amp DC geared PM motor.

RPM 50/60 Hz

Calibrated dials with 1 degree resolution for reference and output position.

Two 360° Servo-potentiometers.

Built in step signal.

Built in waveform capture/display card for study dynamics.

3½ DVM.

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

User's Manual with patch cords.

#### **List Of Experiments:**

Study of error variation with forward gain.

Effect of error variation on the speed of motor.

Determination of motor transfer function and tech meter characteristics.  
Study of Time Constant variation with forward gain.