



Key Features

- To visualize and interpret frequency response characteristics of linear time-invariant systems by genera
- Product Features:
- System Overview:
 - o Completely self-contained, stand-alone unit.
 - o Specifically designed for educational and experimental purposes in control system laboratories.
- Functionality:
 - o Demonstrates the principle and working of various control systems through Bode plot characteristics.
 - o Enables study of frequency response and gain calculation.
- Learning Objectives:
 - o Understanding of transfer function analysis.
 - o Generation and interpretation of logarithmic plots:
 - Magnitude plot ($20 \log$)
 - Phase angle plot
 - o Combined representation as the Bode Plot for:
 - Type 0 Control System
 - Type 1 Control System
 - Type 2 Control System
- Test and Observation:
 - o Test points provided at various stages to:
 - Observe internal signals and waveforms
 - Measure voltages for plotting and analysis
- Mechanical Design:
 - o Housed in a durable and elegant cabinet.
 - o Front panel features a well-organized and intelligently designed circuit layout for ease of access and learning.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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