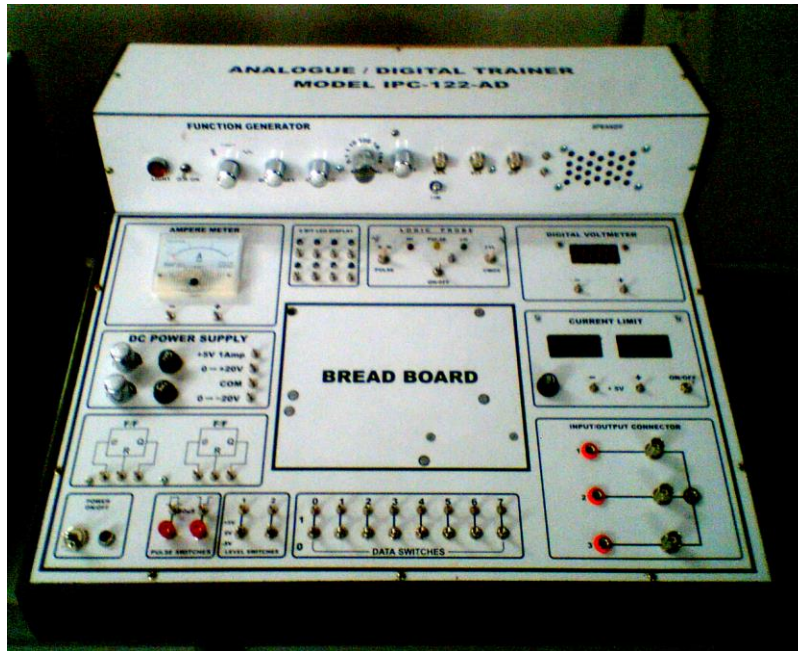


IPC EDUCATIONAL TRAINERS



ANALOG TRAINER MODEL: - IPC-122-AD

SPECIFICATION:

- **DC FIXED & VARIABLE POWER SUPPLY**
 - ±5 Volts @ 1.0A
 - ±12 Volts @ 1.0A
 - Variable 0±20 Volts @ 1.0A
- **Function Generator:**
 - 1Hz to 100 KHz continuously variable over 5 decade ranges.
 - Sine wave, square wave, triangle wave.
- Analog current meter 0 to 100μA.
- Analog Volt meter 0 to 30VDC.
- Variable Resistor 5K, 10K, 100K.
- 2 ¼ inch 8Ω, 1 w loud speaker.
- Input / output connectors, BNC and banana.
- Double size bread board.
- User Manual.
- Connecting Leads.

List of Experiments:

- The Superposition Theorem
- Capacitor in Voltage – divider networks
- Operational Amplifier- The Inverting Amplifier
- Operational Amplifier- The Non-inverting Amplifier
- Operational Amplifier- The Comparator
- Operational Amplifier- The Summing Amplifier
- The Common-Base Amplifier Structure
- The Common-Emitter Amplifier Structure
- The Common-Collector Amplifier Structure
- The Op Amp Differentiator
- The Op Amp Integrator
- The RC Phase Shift Oscillator
- The Astable Multivibrator- 555 Timer
- The Schmitt Trigger
- The Astable Multivibrator
- The D/A Converter
- The A/D Converter