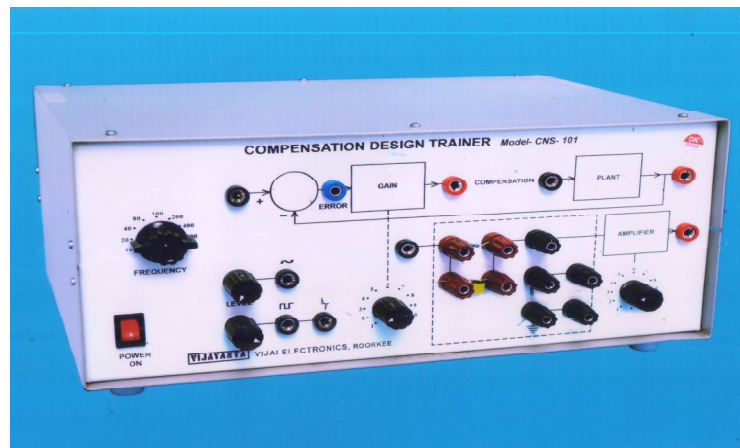


COMPENSATING NETWORK TRAINER,

MODEL : CNS - 101.



- ** This unit is inside a metallic cabinet with front panel block diagram.
- ** All the necessary switches, potentiometer and test points are on the front panel.
- ** All the waveforms can be measured on a C.R.O.
- ** The features include simulated uncompensated system having adjustable damping, peak percent overshoot M_p , variable from 20% to 50% and steady state error variable from 50% to 0.5%.
- ** Compensation Network implementation through builtin variable gain amplifier.
- ** Gain is adjustable from 1 to 11.
- ** Builtin square and sine wave generator for transient and frequency response studies. Frequency adjustable from 25 to 800 Hz (Approximate).
- ** Builtin Regulated Power Supply : 220 Volt, $\pm 10\%$, 50 Hz mains operated.
- ** Detailed literature and patch cords.
- ** Weight : 5.1Kg Approximately
- ** Dimension : 250mm \times 350mm \times 150mm

VIJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

Phone No.: 01332 - 272509, 7579200827

E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com

Experiments can be perform :

1. Lag compensation in the frequency domain.
2. Lead compensation in the frequency domain.
3. Lag compensating in the s-plane.
4. Lead compensating in the s-plane.

Accessories Required :

1. A general purpose Dual Trace, Oscilloscope.

Note: There may be any change in specification due to continuous R & D without notice.

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