

List of Major Equipment

1. SCR turn on using synchronized UJT relaxation oscillator (SCR Triggering Techniques) Model: 2703 Make: SCIENTECH
2. AC voltage controller using TRIAC & DIAC (Lamp Dimmer) Model: 2711 Make: SCIENTECH
3. MOSFET & IGBT based (single phase full bridge inverter) Model: 2720 Make: SCIENTECH
4. Step down chopper using IGBT or power MOSFET alongwith DC Motor Model: 2724 Make: SCIENTECH
5. To study single phase cyclo-converter Model: 2713 Make: SCIENTECH
6. Decade inductance box 1mH-10H with 4 decade switches. Model: 712 Make: NVIS
7. Decade resistance box 1 Ω -1M Ω with 5 decade switches. Model: 706 Make: NVIS
8. Decade capacitance box 100pF-11.111MF with 4 decade. Model: 707 Make: NVIS
9. Static Characteristics of MOSFET & IGBT Model: XPO-CTS.No: 1708181 & 1708183 Make: ANSHUMAN
10. Single Phase AC Voltage Controller Module along with single phase induction motor Model: XPO-PE S.No: 1708037, 1709002 & 1708001/ uC-LSPT kit Make: ANSHUMAN
11. 3 Phase AC Voltage Controller Fed Panel + Motor Model: XPO-EMT/DC+1PH.S.No: 1709025 & 1709013 Make: ANSHUMAN
12. Dual Converter Fed DC Motor Drive Model: XPO-SPDC mS.No: 1709001 + Motor (1709001) Make: ANSHUMAN
13. Digital Storage Oscilloscope S.No: (1214002), (1214168) Make: Scientech 50MHz, 500 samples
14. CRO S.No: (0902503) Make: Scientech 25MHz, SM325
15. Embedded System Trainer Model: EST-89V51RD2 S.No: 17080008 Make: ANSHUMAN
16. Resistive Load with 12 lamp holders
17. Skyline 470V AC meter Make: Skyline
18. Variable Inductor/Reactor/Choke Coil Model: 19204576.11 Make: Tesca
19. Three Phase Variac Model: 20P3 Make: Tesca
20. Power Quality Analyzer Model: 19204576.41 Make: Tesca
21. Power Supply Model: 4077A Make: Scientech
22. Digital Oscilloscope Model: MSO5074 Make: Rigol
23. Resistive Load Model: 6067 Make: NVIS
24. Capacitive Load Model: 7069 Make: NVIS