

반도체 회로 응용 실습장비 | MSN-SC3

| 제품 특징 |

- 반도체 기초 및 응용 실험 실습 등 24개의 실험모듈 제공
- 다이오드의 특징에 따른 실습
- 트랜지스터의 특성 실습
- FET/SCR/UJT 특성 실습
- 직류/차동/연산 증폭기 및 반전/비반전 증폭기 실습
- 정전압/TANK 회로와 같은 응용 실습
- 다양한 발진기 실습
- 가변저항 모듈로 저항값에 따른 실습내용 변경 가능



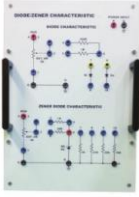
장비 구성

MODULE	DIODE/ZENER CHARACTERISTIC	ACTIVE FILTER CIRCUIT
	TRANSISTOR CHARACTERISTIC	UNREGULATED POWER SUPPLY
	FET CHARACTERISTIC	DC VOLTAGE REGULATOR
	SCR CHARACTERISTIC	VARIABLE VOLTAGE REGULATOR
	UJT CHARACTERISTIC	TANK CIRCUIT/RESONANCE
	SCR/TRIAC/SBS TRIGGER	OSCILLATOR
	LED/PHOTO DEVICE	CRYSTAL OSCILLATOR
	BIAS/EMITTER GROUND AMP.	WEIN BRIDGE OSCILLATOR
	DC AMPLIFIER	MULTI VIBRATOR/SCHMITT TRIGGER
	COMPLEMENT AMPLIFIER	TIMER IC APPLICATION
	DIFFERENTIAL AMPLIFIER	RAMP GENERATOR
	OPERATIONAL AMPLIFIER	MODULATION/DEMODULATION
	VARIABLE RESISTOR	
	Type	스탠딩 랙형
Accessory	POWER CABLE	
	4PI Cable	
	Manual	

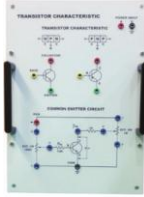


모듈 리스트

DIODE/ZENER CHARACTERISTIC



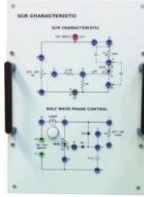
TRANSISTOR CHARACTERISTIC



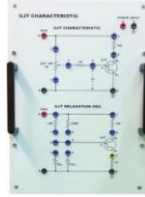
FET CHARACTERISTIC



SCR CHARACTERISTIC



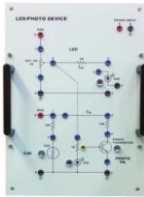
UJT CHARACTERISTIC



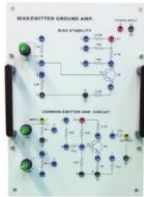
SCR/TRIAC/SBS TRIGGER



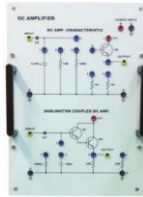
LED/PHOTO DEVICE



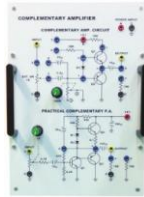
BIAS/EMITTER GROUND AMP.



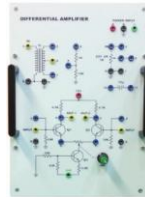
DC AMPLIFIER



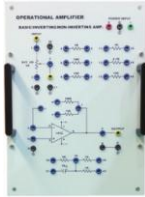
COMPLEMENT AMPLIFIER



DIFFERENTIAL AMPLIFIER



OPERATIONAL AMPLIFIER



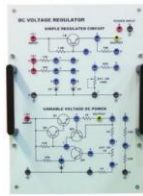
ACTIVE FILTER CIRCUIT



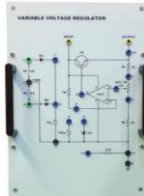
UNREGULATED POWER SUPPLY



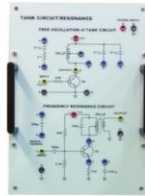
DC VOLTAGE REGULATOR



VARIABLE VOLTAGE REGULATOR



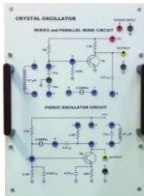
TANK CIRCUIT/ RESONANCE



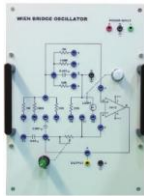
OSCILLATOR



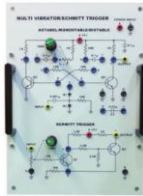
CRYSTAL OSCILLATOR



WEIN BRIDGE OSCILLATOR



MULTI VIBRATOR/ SCHMITT TRIGGER



TIMER IC APPLICATION



RAMP GENERATOR



MODULATION/ DEMODULATION



교육내용 구성

- 반도체 다이오드의 특성 실험
- 반도체 다이오드 실험
- 제너 다이오드 실험
- NPN/PNP 트랜지스터의 실험
- 에미터 접지 트랜지스터의 특성 실험
- 접합 FET 특성 실험
- 절연게이트 FET의 특성 실험
- 다이리스터(SCR)의 특성 실험
- 단일 접합 트랜지스터(UJT)의 특성 실험
- 광 트랜지스터의 특성 실험
- 발광다이오드(LED)의 특성 실험
- 에미터 접지 증폭기의 특성
- 직류 증폭기
- 상보대칭형 전력 증폭기

- 차동 증폭기
- 연산 증폭기의 소개
- 반전 및 비반전 증폭기
- 능동 여파기
- Unregulated Power Supply
- 정전압 실험
- Tank 회로 실험
- LC 발진기
- 크리스탈 발진기
- Wien 브릿지 발진기
- 구형파 발진기
- RAMP GENERATOR
- 진폭 변조