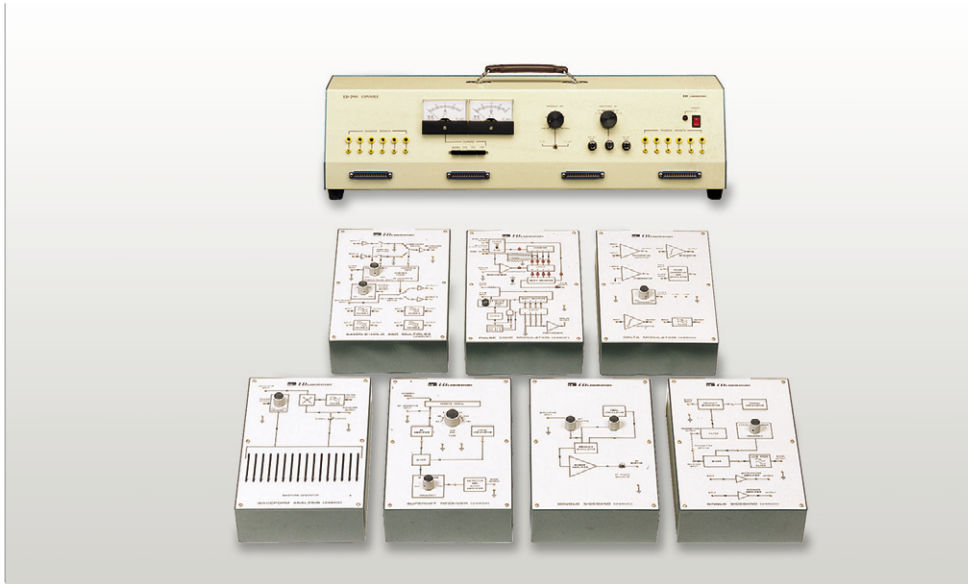


TELECOMMUNICATION TRAINER

ED-2960

- 7 experimental modules with a mainframe console
- Harmonic Analysis and Superheterodyne Receiver experiments
- PCM(TDM), Sample Hold, and Delta Modulation experiments



> EXPERIMENTS

- Harmonic Analysis of Square Wave
- Harmonic Analysis of Modulated Wave Forms
- Superheterodyne Receivers
- Amplitude Modulation With or Without Carrier Suppression
- Single Sideband Modulation
- Sample and Hold
- Aliasing and Multiplex Signalling
- Pulse Code Modulation
- Noise in PCM Systems
- Delta and Delta-Sigma Modulation

> EXPERIMENTAL MODULES (7EA)

| MODULE | DESCRIPTION | Q'ty |
|--------|--|------|
| 2960A | Waveform Generator : Frequency : 50~250Hz Ext. Osc. Input : 5Vp-p | 1ea |
| 2960B | Superhet Receiver : RF Amp(600~1600kHz) IF Amp(455kHz) L-Osc, Mixer, Det. | 1ea |
| 2960C | DSB Transmitter : Mod.(CF : 1MHz) RF Outt(600mW) | 1ea |
| 2960D | Single Sideband : SSB Mod. SSB De-Mod.(86kHz~104kHz) | 1ea |
| 2960E | Sample Hold & Mux : Sample Hold, Time Distributer Multiplexer, CH-Filter | 1ea |
| 2960F | Pulse Code Mod : Analog CKT Pulse Code & Modulation | 1ea |
| 2960G | Delta Mod : Differential-Amp, Integrator, Clock & Pulse Generator Comparator, LPF | 1ea |

> SPECIFICATIONS

CONSOLE (MAIN FRAME) ED-2900(P)

- DC Output(Regulated) : 0~20V(3A), ±15V(1A), +5V(2A)
(Unregulated) : +50V(0.5A)
- AC Output : Selectable : 5/10/15/20V, Fixed : 20V(0.5A)
- Indicator : Voltmeter (4 ranges), Current Meter
- Module Connection Capacity : 4 modules
- Input Voltage : AC 220V, 50/60Hz
- Dimension : 710(W) x 190(H) x 195(D)mm
- Weight : 12.7kg

GENERAL CHARACTERISTICS

- Module Dimension : 166(W) x 65(H) x 125(D)mm
- System Weight : 11kg

ACCESSORIES

- Connection Cord(ø2 plug) : 1set
- AC Power Cord : 1ea
- Operating Manual : 1ea
- Experimental Manual : 1ea