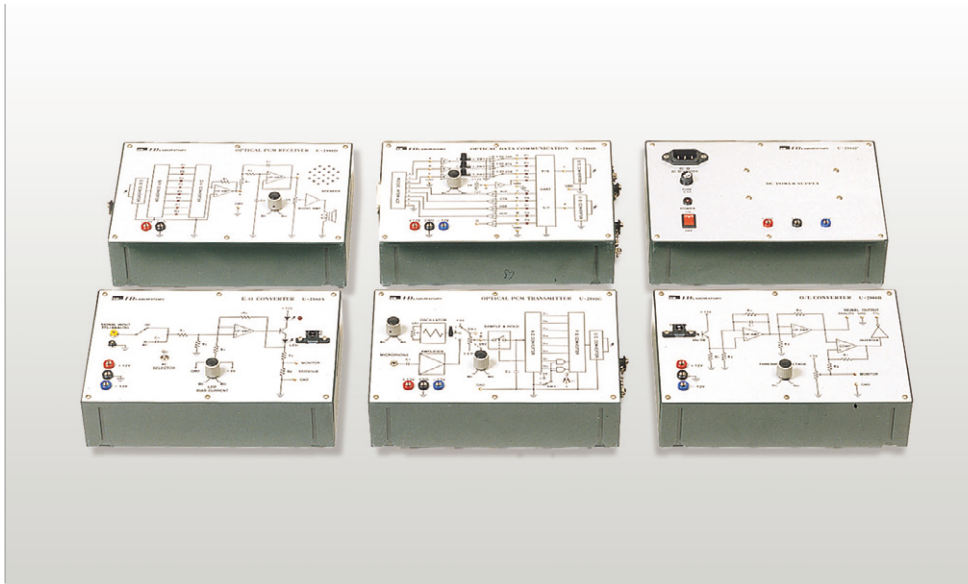


- Communication

OPTICAL COMMUNICATION TRAINER

ED-2980

- E/O and O/E conversion and characteristics
- Optical PCM communication(trasmission&reception)
- Optical Data communications using personal computer
- DC power supply, a roll of fiber cable and the microphone included as peripherals



> EXPERIMENTS

- E/O Converter Related Experiments :
 - » Input and output characteristics of an LED
 - » Input and output characteristics of an E/O Converter
 - » Intensity modulation principles
 - » Frequency characteristics of an E/O Converter
- O/E Converter Related Experiments :
 - » Input and output characteristics of an O/E Converter
 - » Overall frequency characteristics of an E/O and O/E combined
 - » Maximum transmission rate characteristics of an O/E Converter
- Optical PCM Communications :
 - » A/D Converter experiments
 - » PCM communications experiments using an Oscillator
 - » Voice transmission experiments
- Optical Data Communications :
 - » Input and output characteristics of RS-232C interface
 - » Parallel/Serial and Serial/Parallel conversion experiments
 - » Optical communications using personal computer

> SPECIFICATIONS

GENERAL CHARACTERISTICS

- No. of Modules : 6ea(Including Power Supply)
- DC Output : +12V(1A), -12V(0.5A)
- Input Voltage : AC 90~265V, 60Hz
- Dimension :
 - » Module : 250(W) x 65 (H) x 166(D)mm
 - » System Case : 600(W) x 188(H) x 480(D)mm
- Weight : 16.5kg

ACCESSORIES

- Optical Fiber Cable(2meter) : 1ea

- RS-232C Cable : 1ea
- Microphone(Dynamic) : 1ea
- Patch Cord : 1set
- Software CD : 1ea
- Experimental Manual : 1ea
- AC Power Cord : 1ea

OPTIONS

- RS-232C Cable(Additional)
- Optical Fiber Cable(Additional)
- U-2980E Module(Additional)