


## FIBER OPTIC TRAINER

**Fiber Optic Trainer**  
**CT-FOTP-01P**



- ✓ Study & demo of basic Fiber optics :
  - a. Setting up of Analog/Digital link
  - b. FO voice link using AM, FM & PWM mod (with diff. sampling frequencies - 8, 16 & 32KHz) / demod
  - c. Simplex Analog & Digital Tx & Rx
  - d. Propagation loss & bending loss
  - e. Measurement of NA
  - f. Charac. of E-O converter (LED)
- ✓ Tx: FO LED of 660 nm - SMA connect
- ✓ Rx: FO photodetector - SMA connect
- ✓ Function Gen : a. Sine - 1 & 2KHz
  - b. Square - 1 & 2 KHz (TTL)
- ✓ Bandwidth : a. Analog - 350 KHz
  - b. Digital : 2.5 MHz
- ✓ PLL detector, Comparator & Filter
- ✓ FO Cable - 1m & 5m SMA connect
- ✓ NA measurement jig & mandrel
- ✓ Mic, headphone, speaker
- ✓ Switched faults : 08 provided

### Optical Power Meter



- ✓ Measures : Optical Power
- ✓ Detector : Silicon detector
- ✓ Range : 0 dB m to - 60 dB m
- ✓ Display : 3.5 digit, 12mm LCD
- ✓ Wavelength: 660 & 950 nm
- ✓ Connector : SMA
- ✓ Accuracy :  $\pm 1$  dB m  $\pm 1$  digit
- ✓ Power : 9V Battery
- ✓ OPM1 can be used with FOT1

(For Supply & Mfg. of Electrical & Electronic Educational training kits & equipments)

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