EP700 Series
Multi Meter

Key Benefits

- All-in-one optical test set which combines a light source, an optical power meter and a visual fault locator
- Ideal for CATV, FTTx and PON applications
- Palm-sized and rugged for field operation
- Long battery life for all day testing

EP700 has both a light source and an optical power meter in a compact handheld unit. The multi-meter is ideal for optical testing of many applications including CATV, FTTx and PON networks. The visual fault locator enables the user to quickly locate faults in the fiber, making it the perfect tool for installation and maintenance of optical distribution networks.

Specifications

Module	EP700A	EP700b
Accuracy	±0.17dB(±3%)	
Detector	InGaAs φ300µm (Default), φ2000um	
Input Range	-43 dBm~+26 dBm	-70 dBm~+6 dBm
Resolution	0.01 dBm, mW, uW, nW	
Calibrated Wavelength	850, 980, 1300, 1310, 1490, 1550, 1610 nm	
Connectors	FC\SC\ST	
Light Source Module		
Central Wavelength	1310 ± 20nm 1550 ± 20 (Default) /10nm	1310 ± 20nm 1550 ± 20 (Default) /10nm 1490 (DFB ± 10 nm
Output Power	-3 dBm	+1 dBm
Power Stability	±0.04dB@20°C 0.5 h, ±0.08dB@20°C 8 h, (After a 15-minute warm-up)	
Tone generation	270Hz, 1KHz, 2KHz	
Optical Adapter	FC\PC (Default), FC\APC, SC\PC, SC\APC	
General Specifications		
VFL	1mW, 5mW, 10mw (Default)	
Power Supply	3 x 1.5v AA batteries or rechargeable batteries	
Working Time	>30 h (Light on, backlight off)	
Operating Temperature	-10°C ~+60°C	
Storage Temperature	-20°C ~+70°C	
Dimensions	185 x 85 x 45 (mm)	
Weight	320g (excluding battery)	