

# Bench-top Insertion/Return Loss Testing Meter



Fig.1: Bench-top Insertion/Return Loss Testing Meter

## Description:

The Bench-top Insertion/Return Loss Testing Meter provides a high reliable and stable performance. It is a multi-functional optical testing meter which is integrated with stable laser source, optical power meter, insertion loss tester and return loss tester.

This testing meter is suitable for optical communication project as well as the research and manufacturing of optical active and passive components.

## Features:

1. Inbuilt stable laser source
2. Large color screen display
3. Set testing threshold by menu
4. Synchronous dual wavelength IL & RL testing
5. Various fiber optic interfaces conversion
6. Threshold setting, display unqualified data in red

Return Loss:		
Working Wavelength	SM 1310/1550nm±10nm	MM 850/1300nm±10nm
Applicable Fiber	9/125um	50/125um or 62.5/125um
Connector Type	FC/APC	FC/APC
Output Power	≥-3dBm	≥-10dBm
Output Stability	±0.005 (15min@25°C)	±0.01 (15min@25°C)
Detecting Range	0~75dB	0~55dB
Calibration Wavelength	1310/1550nm	850/1300nm
Display Resolution	0.01dBm/dB	
Testing Accuracy	±0.3 (0~65dB)	±0.5 (0~45dB)
Insertion Loss:		
Detector Type	InGaAs	
Detector Size	2.0mm	
Wavelength Range	800~1700nm	
Calibration Wavelength	850/1300/1310/1550nm	
Testing Range	+3~-75dBm	
Linearity	±0.04 (+3~-50dBm)	
Testing Mode	Linearity/Non-linearity	
Other Parameters:		
Display	Color LCD	
Communication Port	USB 2.0 / RS232 / WiFi Module (optional)	
Power	90~260VAC	
Relative Humidity	0~85% (non-condensing)	
Dimension	280×260×120mm	
Weight	3.15kg	
Working Temperature	0~40°C	
Storage Temperature	-25~+70°C	
Standard Accessories:		
Power cord,interchangeable adapter (FC/SC/ST), FC/APC-FC/APC patchcord, FC/PC adapter, manual, cleaning swabs, fuse		
Optional Accessories:		
CD disc, USB cable, RS232 serial cable, WiFi module, foot switch		