

## OPN3327 Insertion/Return Loss Test Station [SM 1310/1550]



### Overview

OPN3327 series Insertion/Return Loss Test Station is a precise instrument, which be adopted latest advantages from current instruments and improved to clients applications. It greatly improves the efficiency of IL test of optical devices which combines the two wavelengths testing result in one short test. It has extensive applications in the fiber cable, fiber passive device, fiber active device and optical communication system. It is suitable to perform the QC testing and sample character testing for fiber manufacturer

## Main Features

- 1) High stable laser source equips;
- 2) Multiple testing mode application;
- 3) USB interface to support software application ;
- 4) kinds of fiber terminations adopt ;
- 5) Color screen for man-machine conversation ;
- 6) Multiple COM interface compatible application ;

Specifications	INSERTION LOSS & RETURN LOSS TEST STATION
Test wavelength (nm)	1310/1550 ( ±10nm)
Applicable fiber type (μm)	9/125
Laser source connector type	FC/APC
Output power (dBm)	≥ -5
Output stability (dB)	±0.005(15 min @ 25°C)
Test range (dB)	0~75
Resolution (dBm/dB)	0.1
Test accuracy (dB)	±0.3 (0~65dB)
Sensor element	InGaAs
Detector size	Φ2.0mm
Wavelength range (nm)	800~1700
Wavelength calibration (nm)	850/1300/1310/1490/1550/1625
Power range (dBm)	+3~-75
Linearity (dB)	±0.2 (+3~-65dBm)
Test mode	Linearity// Non-Linearity
Resolution (dBm/dB/xW)	0.01
Connector type	FC/SC/ST/Φ2.5mm/Φ1.25mm
Display	CLCD
Communication interface	USB 2.0/RS232
<b>(continued)</b>	
Power (V)	AC 90~260
Operating temperature (°C)	0~+40
Storage conditions (°C)	-25~+70
Relative humidity	0~85% (without condensation)
Dimensions (mm, LWH)	280*260*120
Weight (kg)	3.15