



Description

OF-JW3307A Insertion Loss/Return Loss Test Station is a high performance loss test station that is designed specially for Optical Passive Components production Test and Lab Test. It combines three different working modes as a return loss meter, optical power and loss meter and a stable laser source in one test station. It features:

"Outstanding measurement accuracy and repeatability"

With built-in optical isolators in the lasers, with the most advanced microelectronics technology and high quality optical devices, and incorporated well-designed built-in software, to ensure the test station has a high stable output power, quick testing speed and wide measurement range.

"Automatic wavelength setting with synchronization"

In return loss test model, the optical laser source and optical power meter are at the same measurement wavelength simultaneously. In optical power meter model, measurement wavelength can be set separately.

"Multiple working modes"

Three working modes in one test station: Return loss test, optical power and loss test and stable laser source.

"Easy Operation"

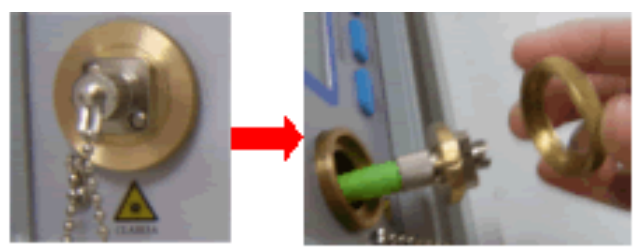
NO button-press operation needed during the measurement of return loss test and insertion loss test. Two LCD window displays design, the return loss value and insertion loss value are displayed on LCD separately to enable the testing results can be seen or read clear in a glance. Operation of "Zero setting" and "Ref setting" be stored in test station automatically, even if the power supply is cut off suddenly and to power on again, normally needn't recalibration."

"Human Engineering Design"

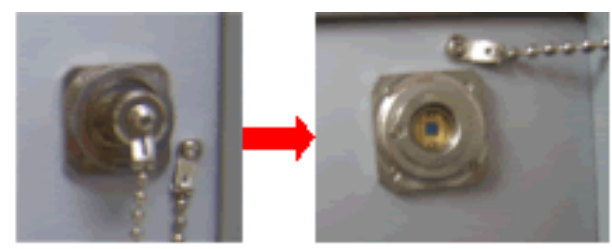
It has Comfortable appearance outline, using high quality metal case to avoid electrical interference caused by production conditions. Attractive and durable Press-button with a perfect handle sense. Equipment holder can be adjustable to satisfy the various applications, meet the Human Engineering requirements.

"Dustproof and active Optical Interfaces, easy removal for clean and replacement"

Active interface be used in both laser source and power meter, easy to remove to clean Optical interface adaptors and photo detector or replace other types adaptors, such as FC/SC/ST/2.5mm universal/1.25mm universal/MT-RJ etc. so that to be used in various types patch cords.



Active interface for laser source
Detachable design by manual screw



Active interface for power meter
Easy removal and replacement of other types adaptors

Specification:

Optical Return Loss Test

Wavelength	1310/1550nm
Optic Connector	FC/APC
Return Loss measurement Range	0 ~ 75dB
Calibrated wavelength	1310/1550nm
Output Stability of laser source	0.05dB(1 hour@25°C)
Measurement accuracy	0.30dB
Resolution	0.01dB

Optical Power and Insertion Loss Test

Wavelength Range	800~1700nm
Calibrated wavelength	850/1300/1310/1550nm, more other wavelengths can be optional
Optic Connector (Power Meter)	Interchangeable FC/SC/ST/2.5mm Universal /1.25mm adaptors
Photo detector	InGaAs
Display modes	dBm/dB/μW
Measurement range	+3 ~ -80 dBm
Resolution	Non-linear 0.001dB ; Linear : 0.001nW/μW/mW
Measurement accuracy	±5%

Other Specification

Power Supply	AC 90-260V , 50~60Hz
Operation Temperature	-5°C ~+55°C
Dimensions	260X265X140mm
Weight	3kg

Product Picture

(To enlarge the size of the picture, to see more clearly)



Standard Configuration



Main Body



Adaptors



Pouch



P.S Line



Manual