

NEOMETRIX

OPTICAL TEST BENCH FOR PCB AND OPTIC TESTING

About

Optical test equipment or optical measurement equipment are used to measure and characterize the physical properties of light. The insatiable demand for higher capacity in communication networks has fueled the need for highly precise optical test solutions. In addition, precision optical measurements are essential to optical research applications for Defence communication, mobile communication, environmental sensing, and consumer products.

R&D engineers, academic researchers, manufacturing engineers, and field service personnel depend on precision optical test equipment to ensure design and performance specifications, production quality, and network health. For more than 10 years, Neometrix has delivered quality, consistency, ease of use, and market leadership for optical test applications.



NEOMETRIX

Specifications

OPTICAL TEST BENCH is complete engineering solution to test the optical PCB, Optical patch cord, Fiber optics cables and other communication system.

This is a state of art of automatic testing of unit under test and print the result as per recipe of testing. an equipment which we perform automatic measurements on the device, known as unit under test (UUT), device under test (DUT), and evaluate the test results. OPTICAL PCB Functional has a computer-controlled system that contains many complex test instruments that are capable of automatically testing and diagnosing faults in intricate Optical components.

OPTICAL tester has designed to decrease the amount of test time needed to verify a UUT

OPTICAL Tester contains Five major subsystem

- (a) Tunable laser source of range of 1250nm to 1640nm
- (b) Optical wavelength meter of range 1250nm to 1650nm
- (c) Attenuator of range 1250nm to 1625nm
- (d) Power meter of range 1250nm to 1625nm
- (e) Optical switching of 12 channel
- (f) Labview based software for fault diagnosis and testing of UUT



NEOMETRIX

Application

Optical test equipment or optical measurement equipment are used to measure and characterize the physical properties of light. The insatiable demand for higher capacity in communication networks has fueled the need for highly precise optical test solutions. In addition, precision optical measurements are essential to optical research applications for Defence communication, mobile communication, environmental sensing, and consumer products.

R&D engineers, academic researchers, manufacturing engineers, and field service personnel depend on precision optical test equipment to ensure design and performance specifications, production quality, and network health. For more than 10 years, Neometrix has delivered quality, consistency, ease of use, and market leadership for optical test applications.



NEOMETRIX DEFENCE LIMITED

E-148, Sector-63, Noida India 201301

Email – contact@neometrixgroup.com, Contact No.- +91-0120-4500800, 7777-876-876

Website – www.neometrixgroup.com

NEOMETRIX

Key features

Optical test equipment or optical measurement equipment are used to measure and characterize the physical properties of light. The insatiable demand for higher capacity in communication networks has fueled the need for highly precise optical test solutions. In addition, precision optical measurements are essential to optical research applications for Defence communication, mobile communication, environmental sensing, and consumer products.

Optical tester is having below mentioned major features to meet the testing requirement

OPTICAL Tester contains below major subsystem

- (a) Tunable laser source of range of 1250nm to 1640nm
- (b) Optical wavelength meter of range 1250nm to 1650nm
- (c) Attenuator of range 1250nm to 1625nm
- (d) Power meter of range 1250nm to 1625nm
- (e) Optical switching of 12 channel
- (f) Labview based software for fault diagnosis and testing of UUT



NEOMETRIX DEFENCE LIMITED

E-148, Sector-63, Noida India 201301

Email – contact@neometrixgroup.com, Contact No.- +91-0120-4500800, 7777-876-876

Website – www.neometrixgroup.com