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Laser Diode Characterization



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LASER DIODE CHARACTERIZATION

Telops Laser Diode Characterization System

Our most accurate tester, the laser diode characterization system precisely measures and provides you with detailed analysis of the performance characteristics of your laser device such as optical power, spectrum, nearfield and farfield. It's smart user-friendly software will conveniently plot graphs of test measurements giving you a clear and detailed view of your laser diodes performance.

Fully Automated System



Generates Test Reports automatically



Used for New Device Qualification & Laser Diode Characterization



 GIVE ME A QUOTE

(<http://www.yelo.co.uk/index.php/enquiries>)

Accurate Test Readings



Prints Certificates of Performance Datasheets



Used for Laser Qualification & Fast Data Analysis for Failures in the Field



SPECIFICATION

★ Benefits	📊 Types of Measurements
⊕ Supported Devices	

FLEXIBLE AND READY FOR ANYTHING

The system can be customized to test your laser type or range of laser types due to an interchangeable fixture design with improved flexibility.

ACCURATE TEMPERATURE CONTROL

The system can be either air or water cooled which is designed to protect your laser diode and give you more accurate test results. There is a peltier option, which allows you to accurately study the correlation between your laser diode forward current and temperature.

CURRENT DRIVE OPTIONS

Your laser diode can be driven under ACC, APC and continuous wave (CW) modes which gives you highly accurate test measurements. You can also drive your laser under Quasi Continuous Wave (QCW) mode which protects your device from overheating and becoming damaged.

NEARFIELD AND FARFIELD

The system can make farfield and nearfield measurements to measure the optical output of your laser diode and nearfield measurements of laser bars.

ACCURATE LIV MEASUREMENTS

Accurate LIV testing from zero amps to your specific limit value. You can measure the optical output power at each current set point into an liv curve.

SPECTRUM MEASUREMENT

You can easily measure the wavelength of your laser diode and the system software will graph it automatically making for easy analysis. This is performed through an optical spectrum analyzer (OSA) or a spectrometer.

WE'LL HELP YOU EVERY STEP OF THE WAY

with us you will receive first-class support to make your testing process easy. Our experts will help you when setting up your tests. You can also receive annual

on-site visits from us to keep your system fresh and productive.

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05 March 2020

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28 February 2020

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14 February 2020

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