

# Automatic Testing System for MEMS Optical Switches



## Overview

Automated testing device for multiple optical test subjects or various optical performance parameters. • High repeatability, service life over 10 million times. • Low insertion loss, low polarization-dependent loss, and good channel consistency. • Short switching time, less than. DiCon's GP series photonics systems provide seamless control and automation for a wide range of optical components, including MEMS optical switches, variable optical attenuators, tunable filters, tap detectors, circulators, and more. These components can be customized to best align with the. Along with the Optical MEMS technology that forms the core of AGM products, a number of other technologies play crucial roles in bringing AGM products to market and making sure they are effective and reliable in the field. Semiconductor Wafer Processing is one of these technologies. Can be customized with a wide range of switch configurations, fiber types and connectors.

## Article Content

### Optical MEMS · Sercalo

At Sercalo, we've been pioneering MEMS-based optical components for over two decades. Our portfolio includes fiber-optic switches, variable optical attenuators and tunable filters—products trusted by ...

### Optical Switches: N7731C | Keysight

The Keysight N773-C family of single-mode fiber-optic switches are an indispensable tool to automate photonic test solutions. Based on optical micro-electro-mechanic systems (MEMS) technology, those ...

### MXS-9200

Manufactured by DiCon Fiberoptics exclusively for EXFO, the MXS-9200, this laboratory-grade, high-performance MEMS optical switch is the industry standard for sharing centralized instruments or ...

### Automated Optical Inspection Systems (AOI systems)

These systems are suitable for a wide range of applications requiring automated defect detection and high-accuracy measurements, including MicroElectroMechanical systems (for MEMS inspection or ...

### Optical switches

MEMS-based optical switches with low insertion loss, high durability and repeatability. Choose from compact benchtop or PXIe form factor to suit your test setup.

### Photonic Device Test Automation

DiCon's GP series photonics systems provide seamless control and automation for a wide range of optical components, including MEMS optical switches, variable optical attenuators, tunable filters, tap ...

### SPEA | Automatic Test Equipment (ATE)

Since 1976, SPEA invents, designs and manufactures the best automatic test equipment for Semiconductor ICs, MEMS, electronic boards and modules. With SPEA testers, semiconductor and ...

### Matrix optical switch-DIMENSION

Optical switches enable selection of different test instruments, thus eliminating deviations caused by poor connection repeatability. Through the combination of optical switches, automatic testing of multi ...

### MEMS Optical | MEMS fabrication | automated testing

AGM has developed automated systems for testing MOEMS chips with high precision and high throughput. These test systems are often highly specialized, so that a different test station is used for ...

## Contact Us

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