

NEW



Entry Level Silicon Photonics Solution

Manual Solution for Surface Coupling and Horizontal Edge Coupling

FormFactor introduces a cost-effective silicon photonics measurement solution to support fundamental research work for emerging applications. Designed into the system are FormFactor's years of experience developing automated photonics measurement systems – now tailored to the needs of universities and other entry-level users.

The **MPS150-SiPh** ensures optical fibers can be precisely aligned to couple light in and out of a device without physical contact. Leveraging its intuitive design, the MPS150-SiPh is the perfect solution for less experienced users to discover photonics and achieve highest accuracy test results.



Precise Placement of Optical Fibers

Ensures **optimal measurement performance**



Better Precision

Through **theta angle adjustment** of optical probes



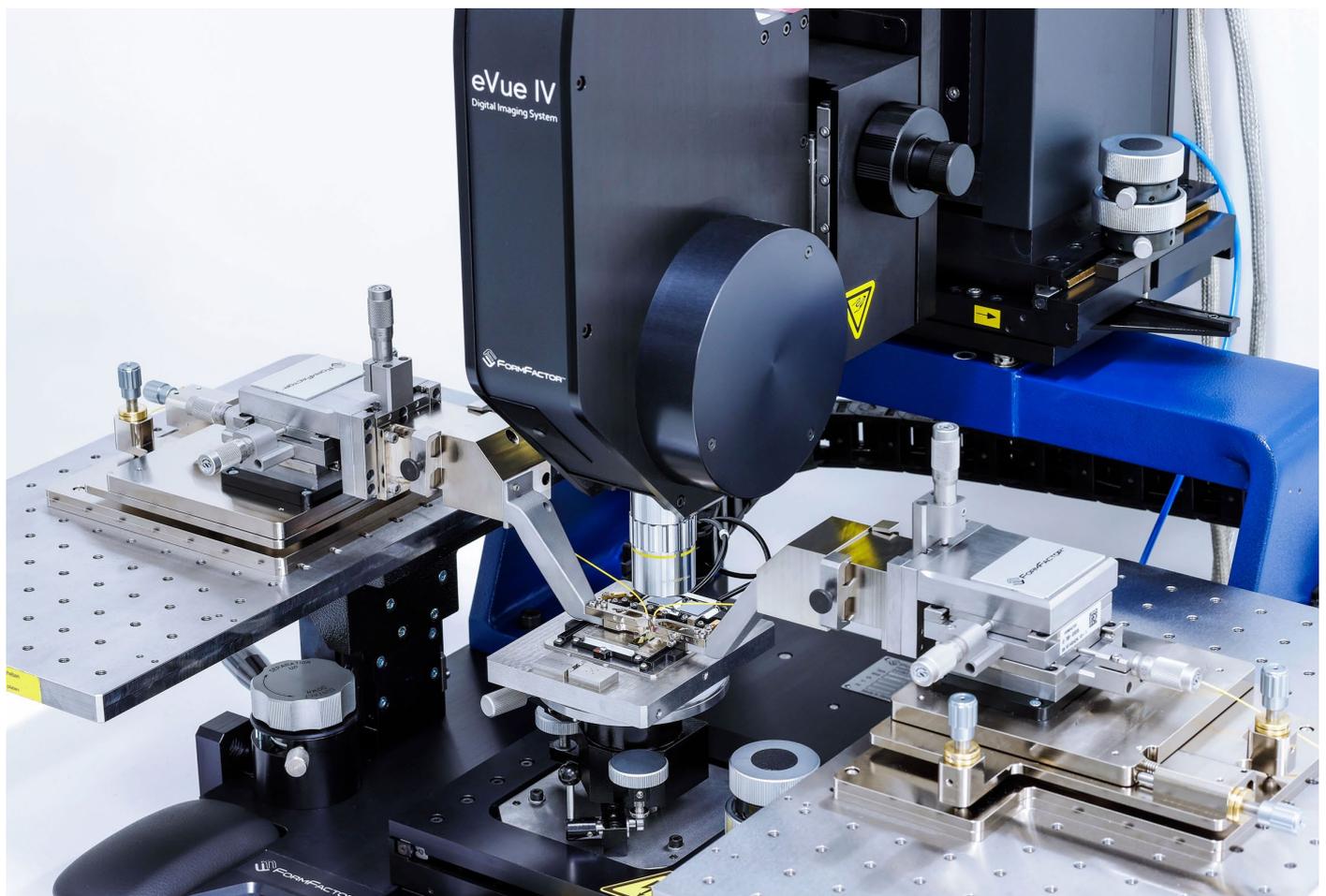
Supports Surface or Horizontal Edge Coupling

For **greatest flexibility** measuring different device types

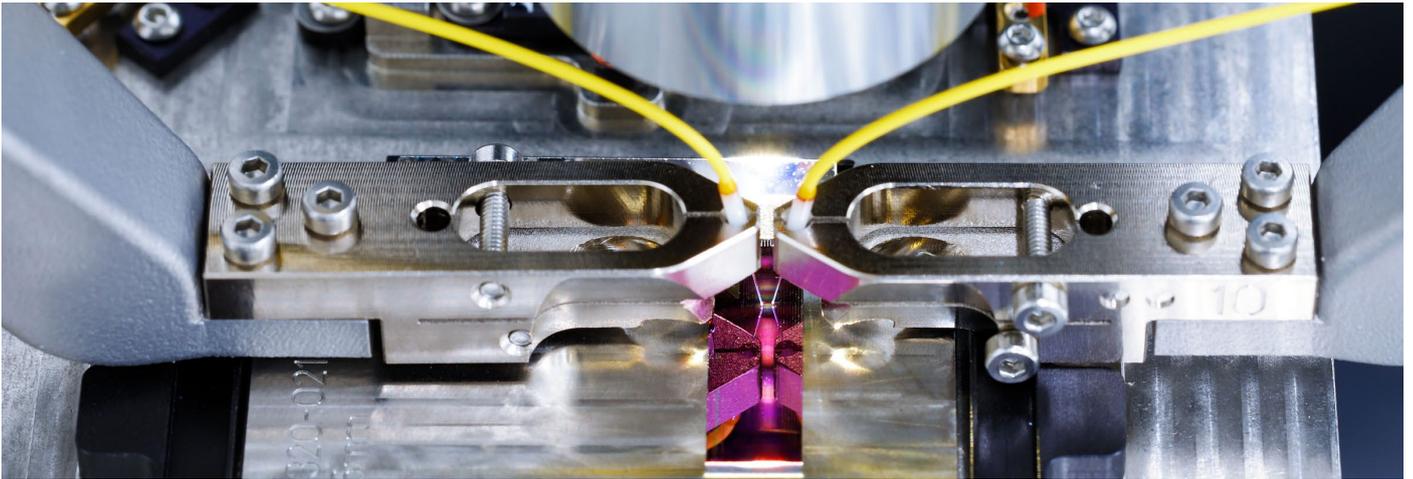


Adjust Optical Probes for Optimal Performance

To provide **precise measurement results**

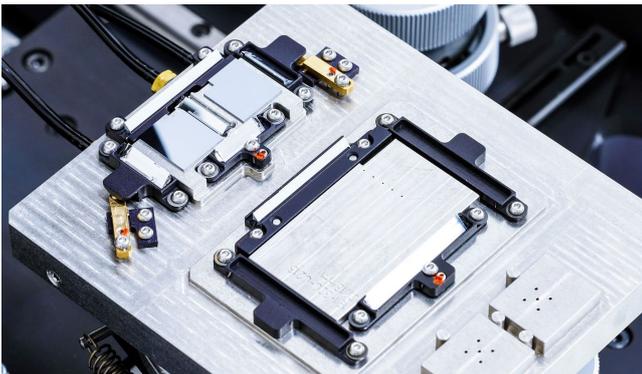


Key Features



Retro-Mirror Technology

The unique DUT holder allows high precision horizontal viewing and provides the ability to calibrate positioning. FormFactor's unique CalVue and DieVue features allow users to adjust optical probes to achieve optimal measurement performance.



Modular Solution

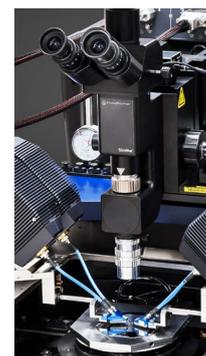
The probe can be adjusted to the user's measurement requirements. Extensions can be configured to perform electrical measurements in the south or north area.



In addition to manual positioners for placing the optical fiber, automated positioners can also be configured to obtain an even faster measurement result.



As an alternative to the eVue digital microscope, which allows up to 40X zoom and digital imaging, the MPS150-SiPh can also be equipped with the SlimVue microscope.



Compatible with the eVue (left) or the SlimVue (right) high-resolution microscope.

Future Proof

The probe is compatible with all accessories of the MPS150, so in just a few steps the system can be converted to a dedicated RF, IV/CV or failure analysis device in the field. Existing FormFactor accessories can be leveraged for other probing requirements.