

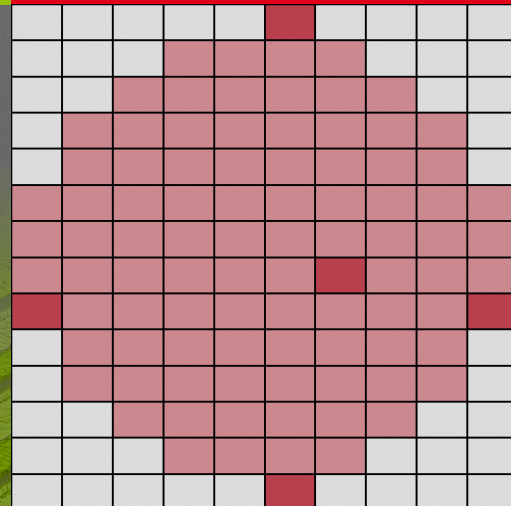
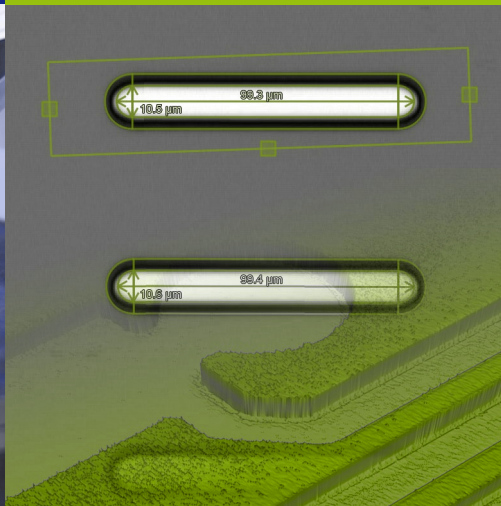
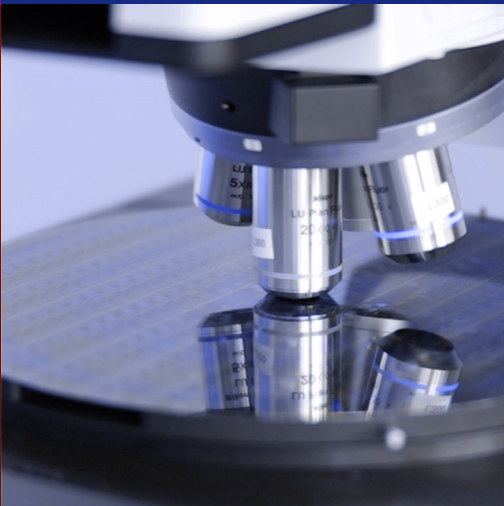
# AUTOAIM

*Microscope Software for Automatic  
Acquisition, Inspection and Metrology*

**Microscope  
and Stage  
Control**

**Image Analysis and  
3D Metrology with  
Pattern Recognition**

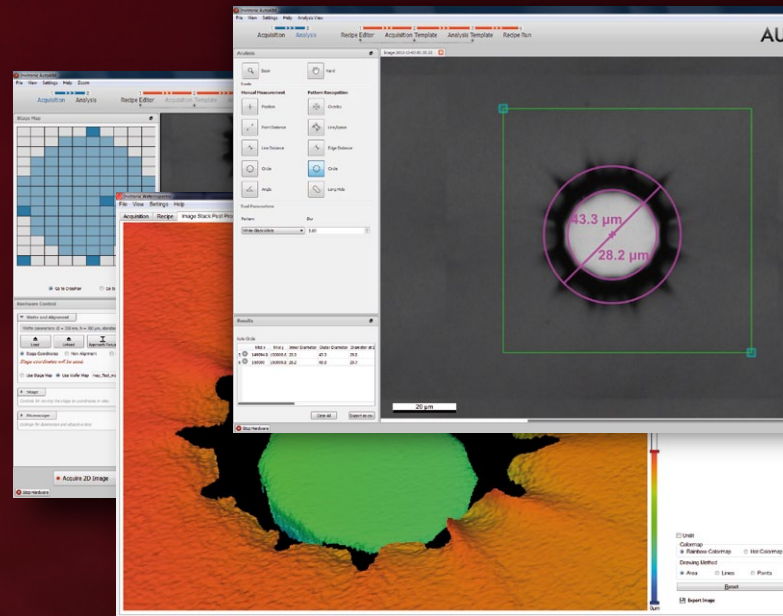
**Automatic  
Measurement  
and Statistics**



[www.autoaim.de](http://www.autoaim.de)

## AUTOAIM Key Features

- **Streamlined workflow** from hardware control to image acquisition and analysis in one single software tool.
- **Powerful and intuitive automation** – no programming skills required. Automatic acquisition and analysis.
- **2D and 3D geometric pattern recognition** to measure critical dimensions of circular vias, long holes, overlays and more. Customized patterns can be developed for you.
- **Additional file import and export filters** for wafer maps, defect position lists, image formats, etc., can be developed for you.
- **Automatic surface and profile characterization.**
- **Statistical significance** through an unlimited number of targets in each automatic recipe. Because the automatic image analysis runs simultaneously to the acquisition, the raw data does not have to be stored on the hard disk.
- **User and rights management.**
- **Software autofocus** – when using confocal microscopy our autofocus works even on perfect mirrors.
- **Smart hardware protection** to prevent crashes between the objective lens and the sample.



## AUTOAIM Highlights

**Time-saving** – Fast and intuitive automation.

**Secure** – Adaptive limits to protect your samples and objective lenses.

**Reliable** – Analysis with pattern recognition.

## Tailored to Your Needs

Increase the benefit from your new or existing hardware through better, customized software.

AUTOAIM already supports a wide range of hardware and we can add support for almost any other hardware, including motorized stages, wafer handlers, etc.

We can develop custom pattern recognition algorithms.

Customized file import and export filters for wafer maps, defect position lists and image formats help breaking down barriers between your multiple tools.

## Working with Invigon

AUTOAIM is developed by Invigon GmbH in Jena, Germany.

Invigon is a solution provider for technical and scientific software, optics and imaging systems.

Our skilled team consists of physicists, mathematicians and engineers with many years of experience in science.

## Built with Experience

AUTOAIM was developed in cooperation with Fraunhofer IZM.



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