

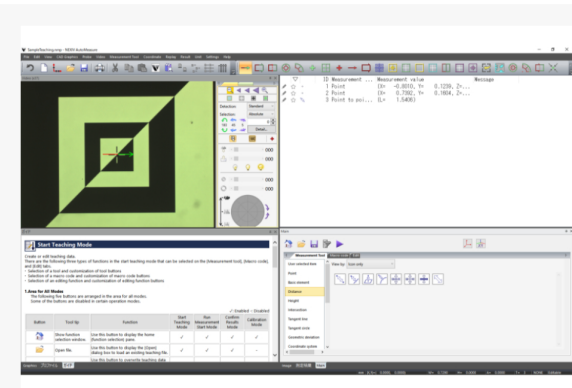


NEXIV AutoMeasure



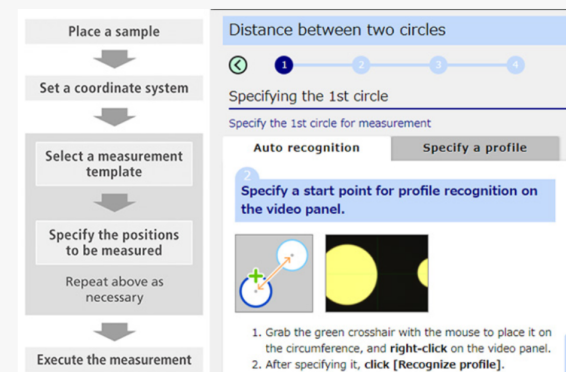
AutoMeasure is dimensional measurement software that is easy to use and logically configured to create measurement programs. AutoMeasure has advanced programming tools to tackle any measurement application and can be easily configured with a basic interface for operators on the shop floor.

Product Highlights



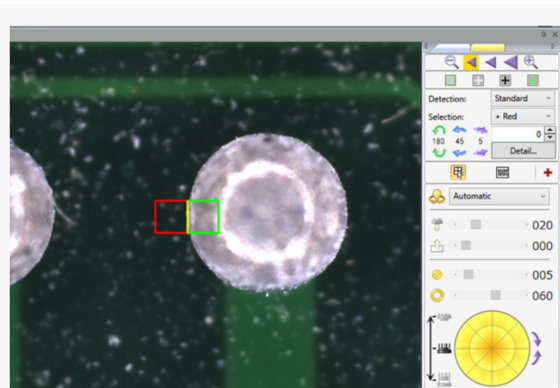
Main Program AutoMeasure

Measurement programs can be created by selecting the icon for edge detection and features to be measured. The guide display shows the measurement function overview, details and operational procedure.



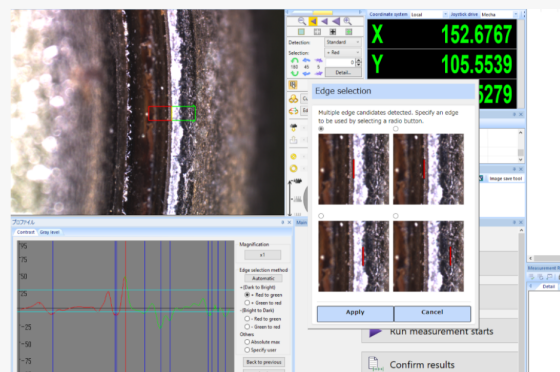
Teaching Navigation

To support those who are new to NEXIV, this function provides guidance for easily creating the measurement program by showing the necessary operations at each step.



Lighting Optimisation

The lighting conditions required for appropriate edge detection are set automatically. It leads to stable acquisition of measurement results under uniform illumination.



Automated Edge Setting Function

Edge detection conditions are automatically set by simply selecting the target edge from an image or profile. This leads in reducing set-up times and improving efficiency.

Core Features

Robust Edge Selection Function

One edge from a choice of many may be selected and detected. More accurate and reliable automatic measurements can be obtained by rejecting mistaken edges due to foreign matter on the surface of a sample.



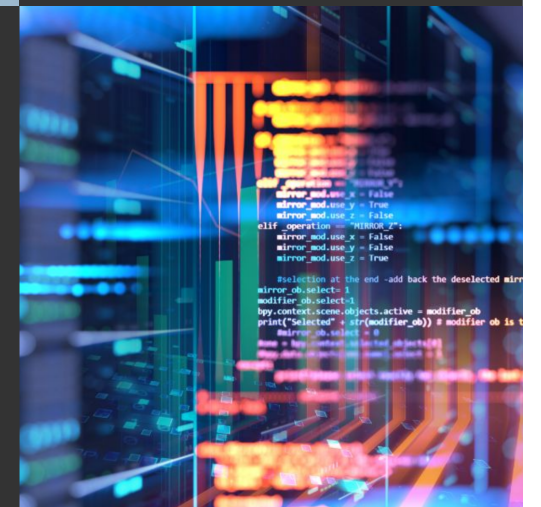
Search Function to Compensate for Misalignment and Sample Variations

By automatically detecting and correcting misalignments created from how samples are placed and variations in manufacture, smooth continuous automatic measurements are made possible, even when measuring multiple samples at once.



Help With Making Measurement Programs

A function which uses CAD data for creating measurement programs before any sample is obtained, is included as standard.



Evaluation of Shapes

Errors can be visualized by overlaying nominal and measured shapes. Can be used for both geometrical shapes and freeform shapes.

