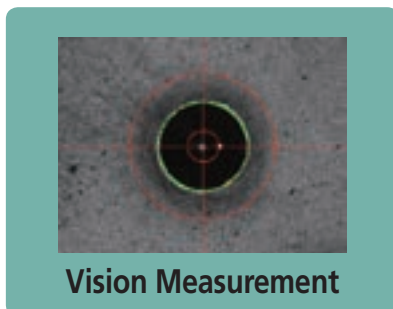
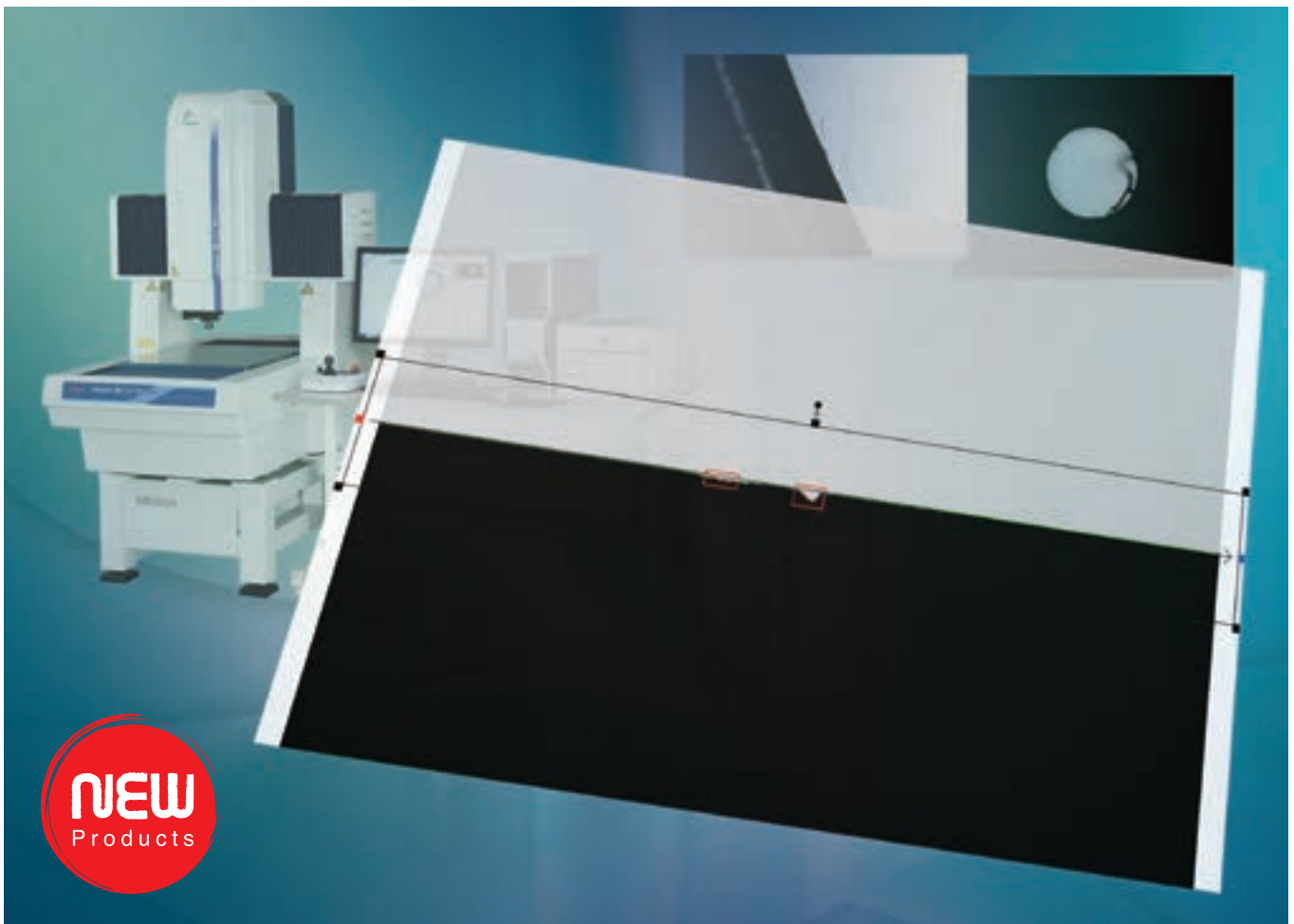


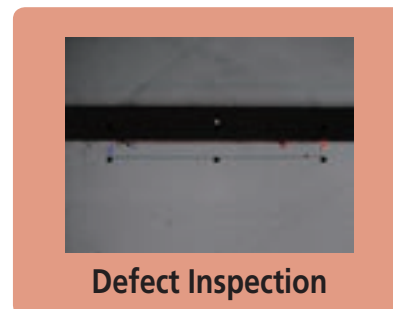
# Defect Inspection Software Dedicated to the Quick Vision CNC Series DDPAK

DDPAK is defect inspection software dedicated to the Quick Vision CNC Measuring System series that is well respected as a non-contact, high accuracy, high resolution solution.

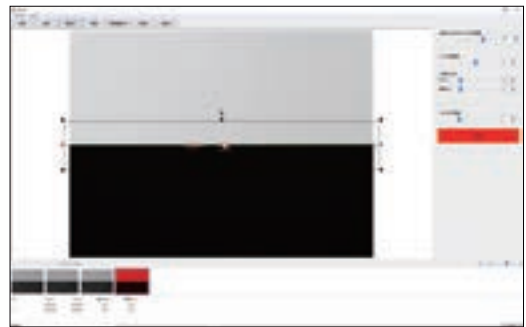
This software enables the creation of a measuring/inspecting system that combines “high-accuracy measurement” and “defect inspection” by utilizing the high-resolution capability of a vision measuring system to include detection of flaws such as dust, burrs and cracks on a workpiece.



+

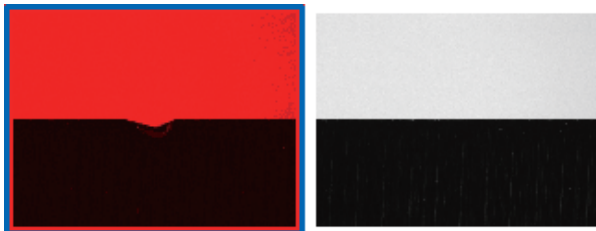


# Defect Inspection Software Dedicated to the CNC Quick Vision Series DDPAK



## Features

- Allows establishment of a seamless defect inspection system that transfers image data acquired by Quick Vision series to DDPak, thereby enabling output of defect position data on coordinates and automatic storage of images.



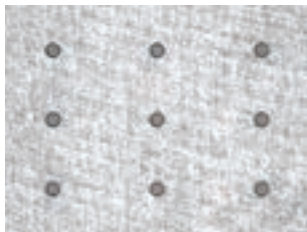
A defect-detected image screen turns red.

- Enables dimensional measurement and form analysis of a defect. DDPak is useful in analysis of defect causes, prevention of defect generation and improvement of production processes by analyzing the coordinate position, size, depth and height of each defect.
- Existing customers' Quick Vision models\* can be retrofitted with the Defect Inspection DDPak software to extend the range of application and so increase the value of the capital investment.

\* For details about compatible models, please contact your local Mitutoyo Sales Office.

## Examples of defect detection

Small-diameter nozzle hole contaminated with dust



Workpiece appearance



Defect detection image

Chipping on industrial cutter



Workpiece appearance



Defect detection image

## DDPAK operating environments and specifications

### [System]

Compatible models	<b>QV Active, QV Apex, Hyper QV, QV ACCEL, QV STREAM PLUS, ULTRA QV</b>
Lighting	Coaxial / Stage / PRL White LED or color LED
Application examples	<ul style="list-style-type: none"> <li>• QV STREAM + TAF Combination of high-speed defect inspection and dimensional inspection thanks to Non-stop Image Acquisition*</li> <li>• CPS / PFF / WLI Detailed review of a defective part by acquiring 3D contour data</li> </ul>

\* QVPAK V13.2 or later is due to support this function.

### [Software]

Compatible OS	Windows 10
Compatible application software	QVPAK V13.0 or later
DDPAK	<ul style="list-style-type: none"> <li>[Image processing for defect detection]</li> <li>[Controlling communication with QVPAK]</li> <li>• Recording and running the part program</li> <li>• Stage control</li> <li>• Acquiring images and transferring inspection results</li> </ul>

Please contact your local Mitutoyo Sales Office for more details

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