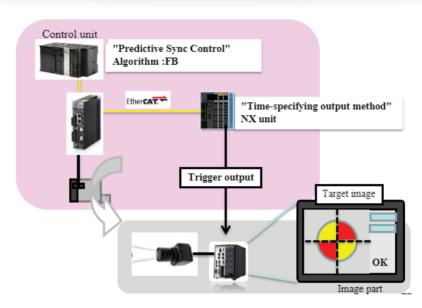


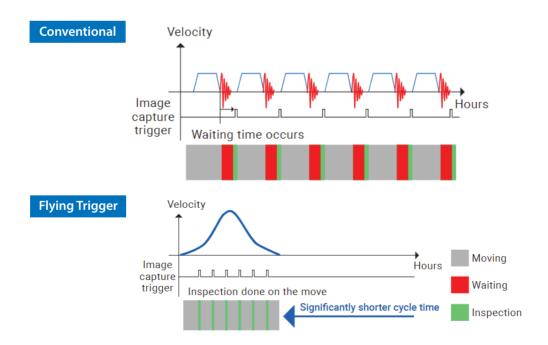
Flying Trigger Technology

High-speed inspection with accuracy



High-precision trigger control

Flying trigger technology achieves positioning accuracy in imaging while moving without stopping the camera or parts. This technology enables complete synchronization of motion control (rotating objects, etc.) and image capture timing, it can be realized by combining NJ-series with 1S servo/G5 servo.

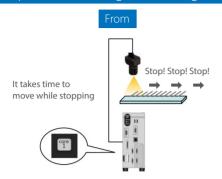


Increase productivity by shortening the time spent stopped for inspection.



Applications of Predictive Synchronous Control

Inspection of elongate and large workpieces

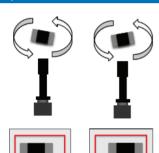


Moving the camera while stopping each image will take a long



Images can be captured without displacement even during high-speed movement, enabling high-speed image processing.

Synchronization of motion control



The imaging timing is not stable, may not be possible to inspect with uneven illumination due to the tilt of the inspection object.



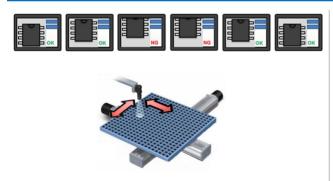
The imaging position is stable, the inspection area can be set small.



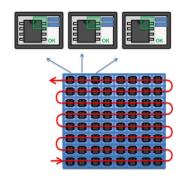
During suction, it is not always possible to suck the workpiece center/variation occurs.

High accuracy is realized by controlling the nozzle position, which is not visible in the camera.

Inspection of parts in a tray



Imaging during acceleration or deceleration means imaging position is proportional to the speed resulting target image will not be in field of view.



The equipment that inspects parts contained in a tray by imaging with a camera that is Flying Trigger-controlled.

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