



Industrial Vision Systems

• Innovation • Knowledge • Success •

VISION INSPECTION OF PEARS SOAP HUL- KHAMGAON



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INSPECTION CAPABILITIES

This system is able to find out the following defects

1. DENTS VISIBLE AT EDGES
2. LOGO INSPECTION
3. LOGO RING INSPECTION
4. THICKNESS MEASUREMENT
5. BLACK PARTICLES

DEFECTS WHICH ARE COMPLICATED TO DETECT:-

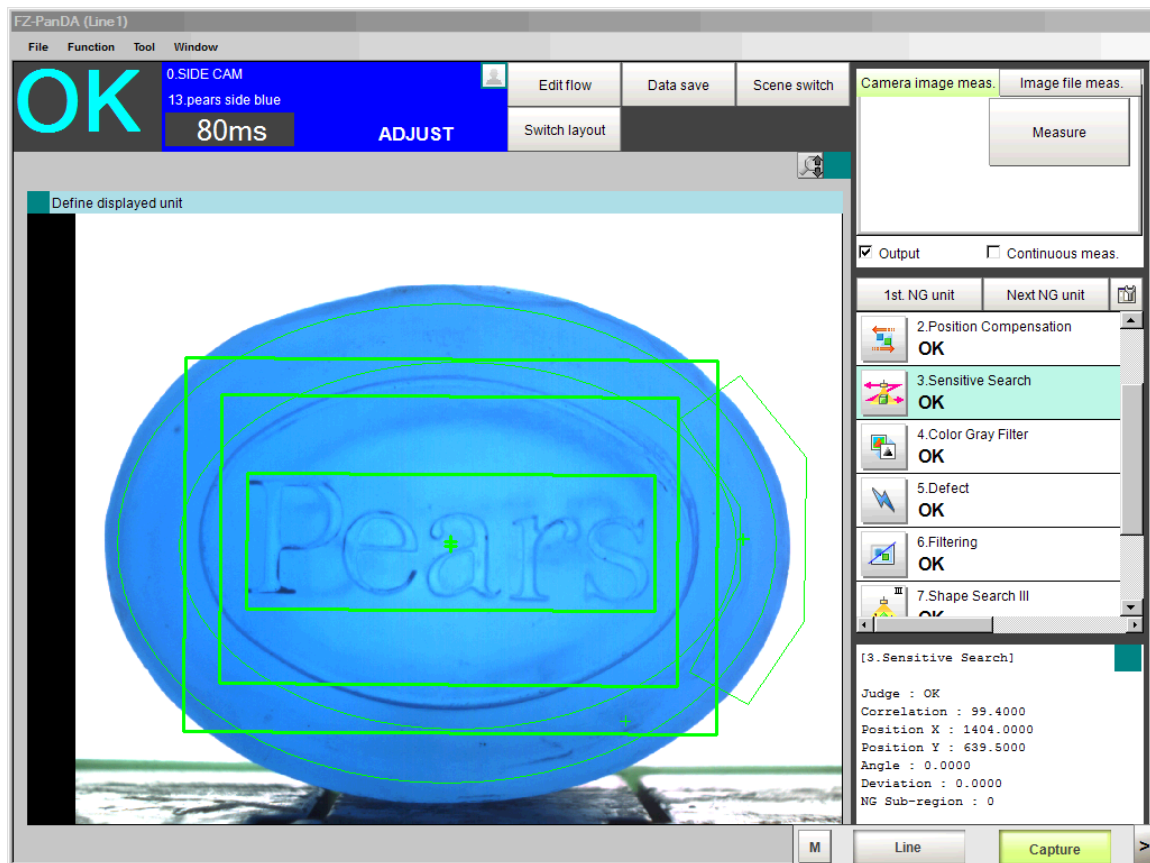
1. SMALL STRIKES ON SOAP SURFACE
2. FOAM INSIDE SURFACE

Trials taken on the samples provided and results as per OK and NOK are compared between the two images which differentiate them.

Ok Sample

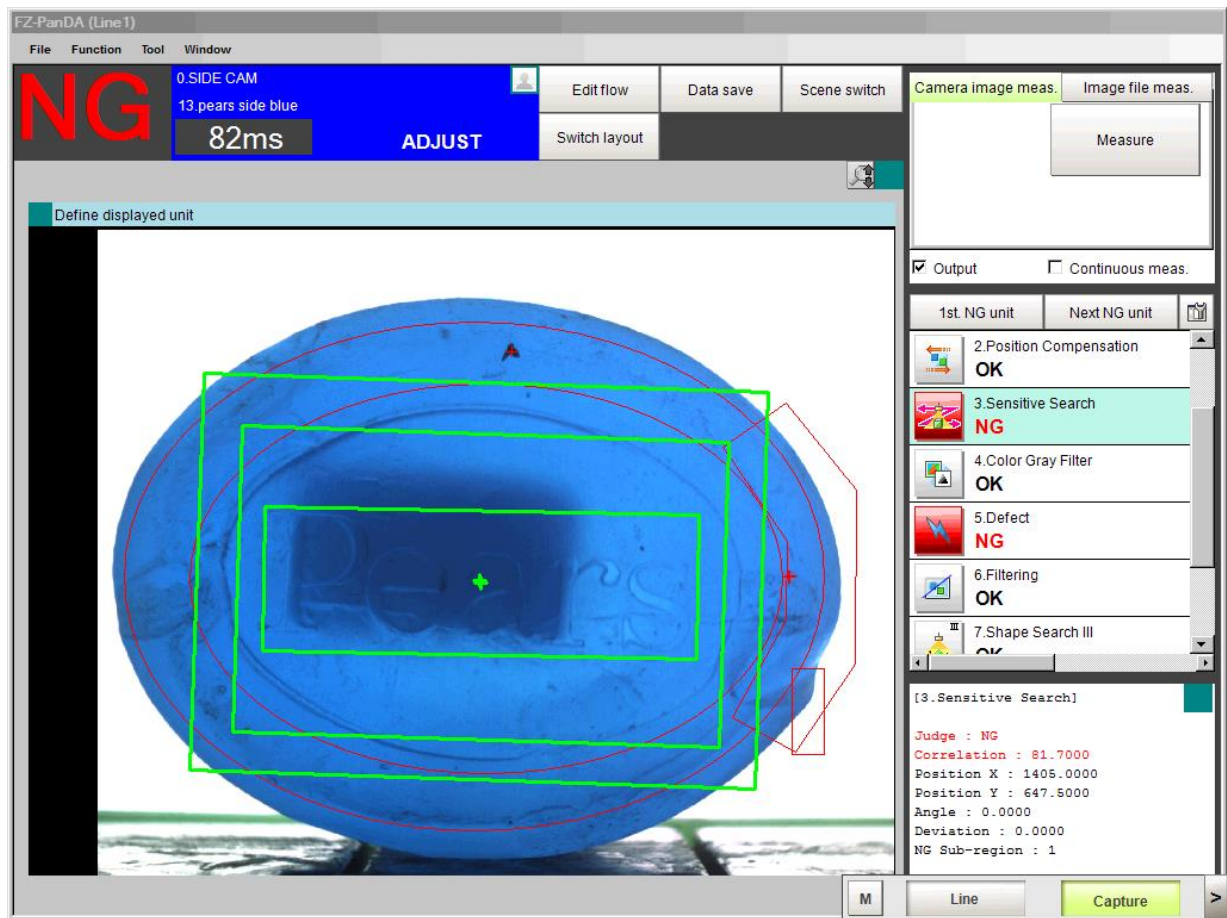
1) DENTS VISIBLE ON EDGES

OK image



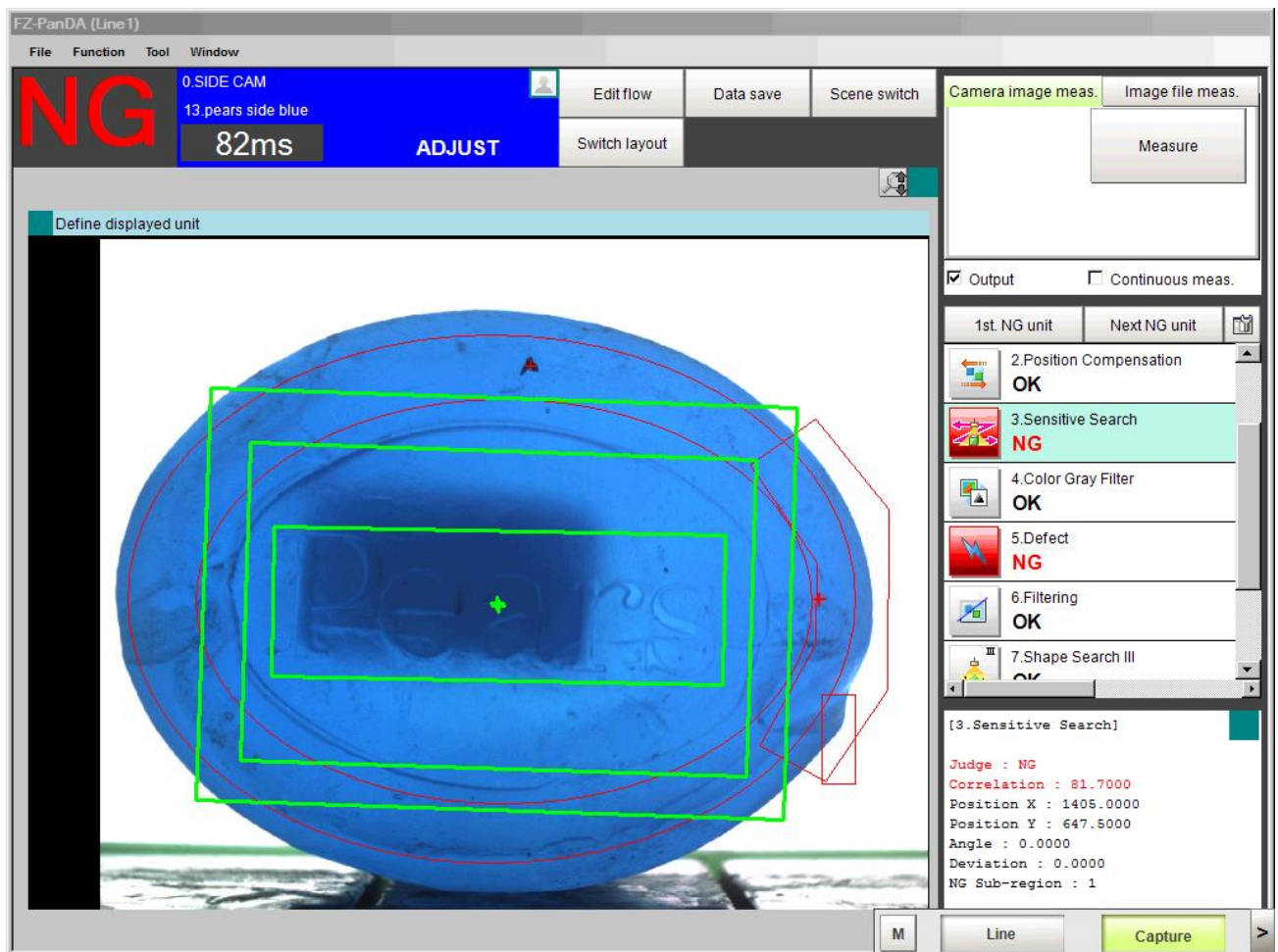
The image shows No dents on right side.

NOK image



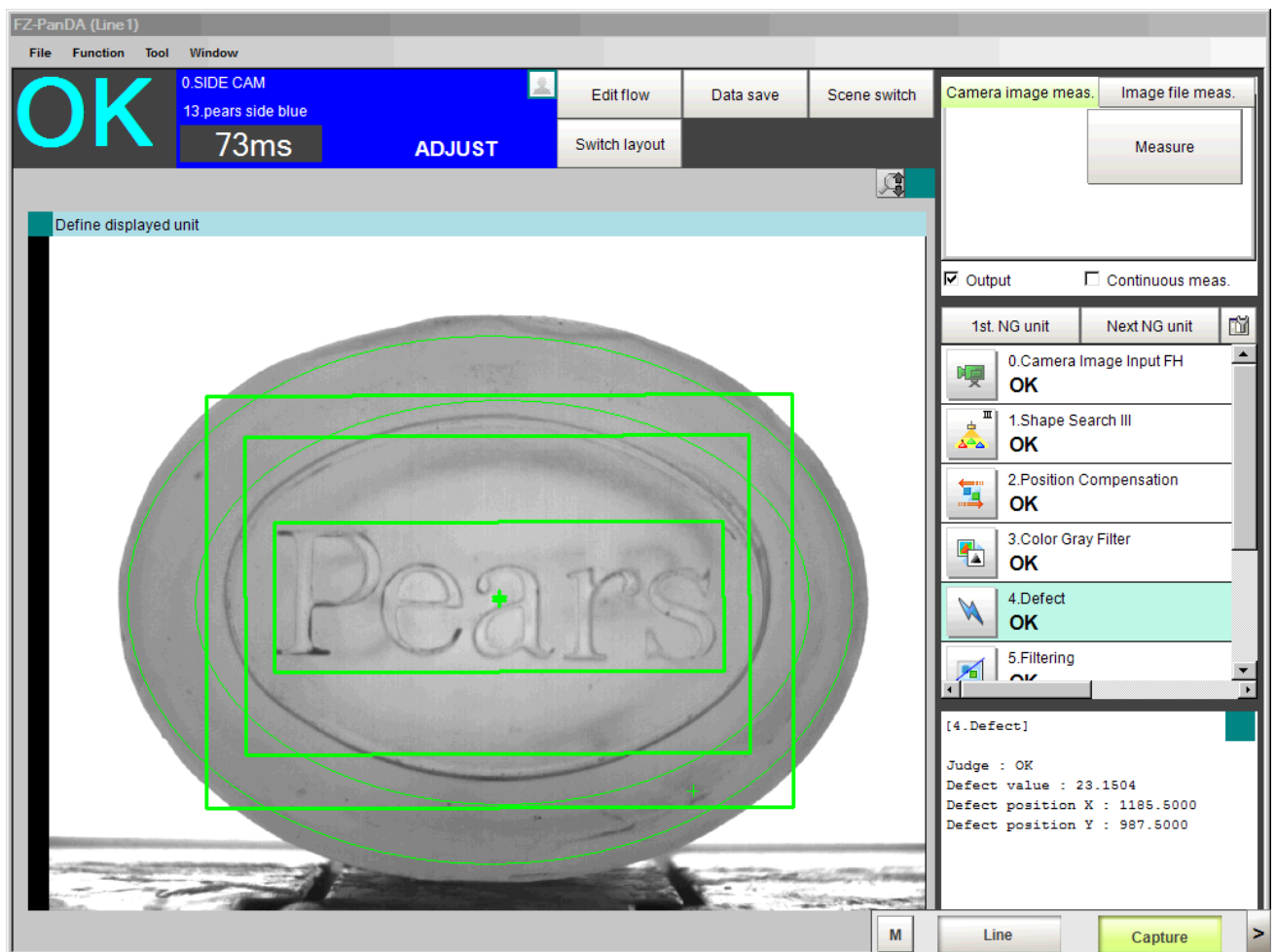
The dent is present on right side which seen clearly and that can be detected

2) Black Particle



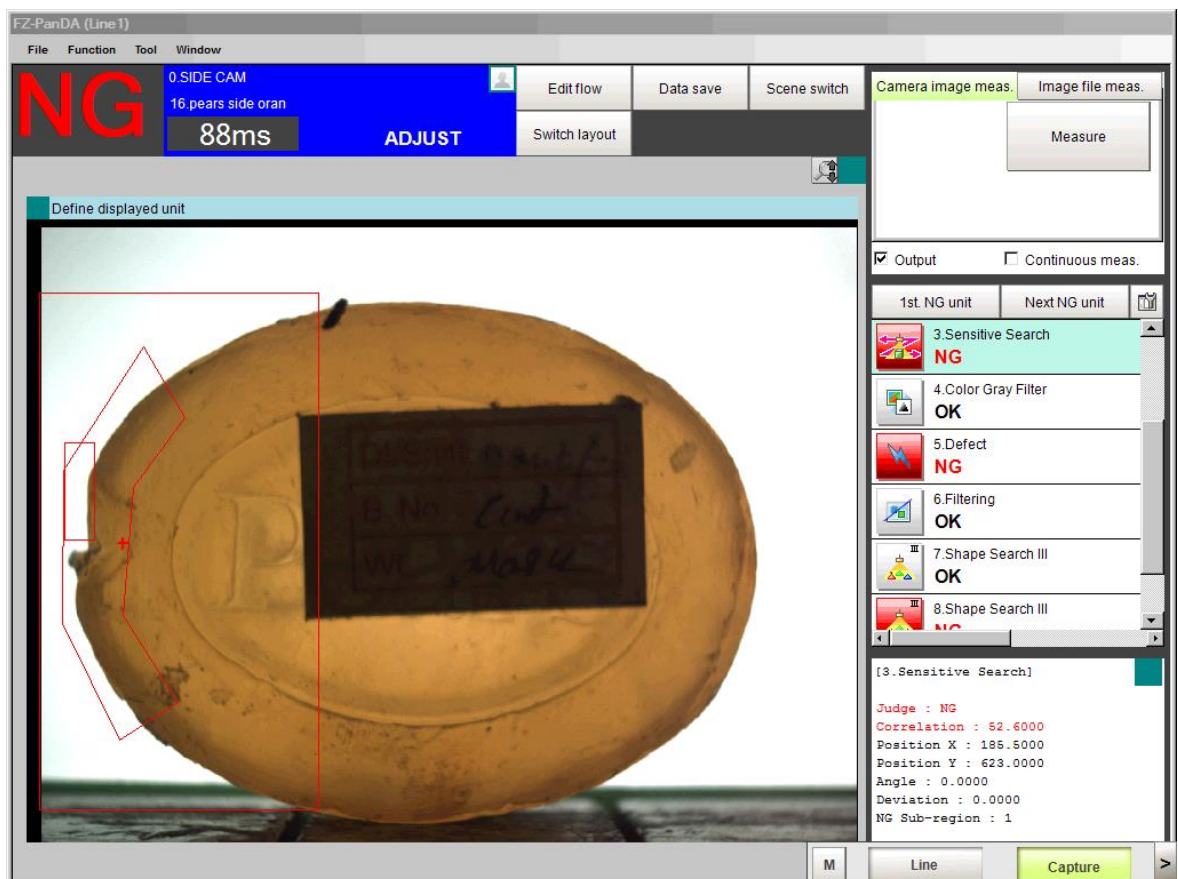
Black Particle detected on the Top surface

3) LOGO AND RING



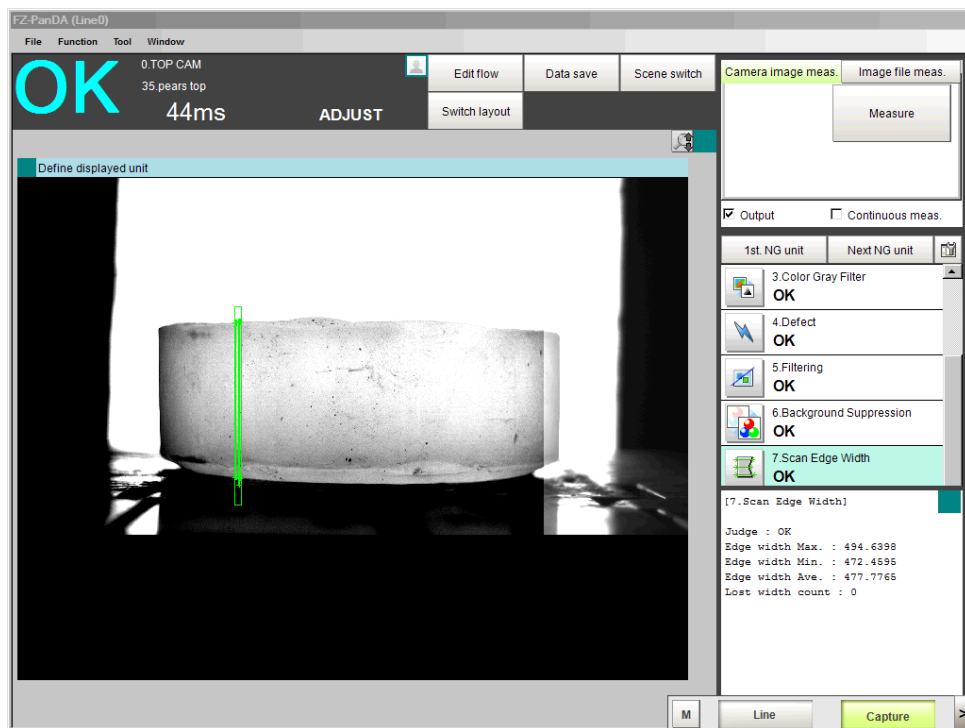
The Ring and logo presence

4) LOGO MISSING SHAPE DENTS, RING MISSING



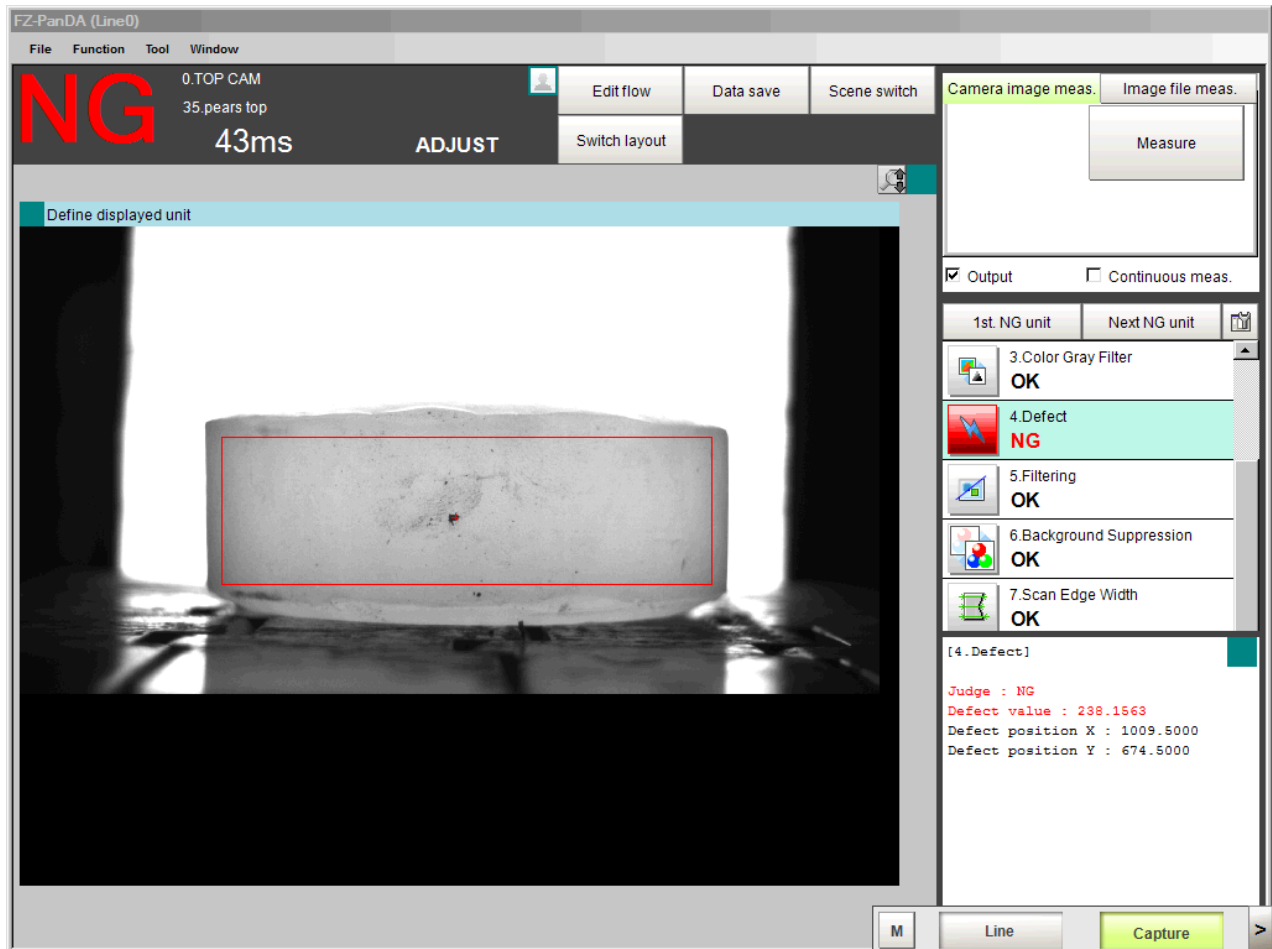
SIDE CAMERA IMAGES

1) THICKNESS MEASUREMENT



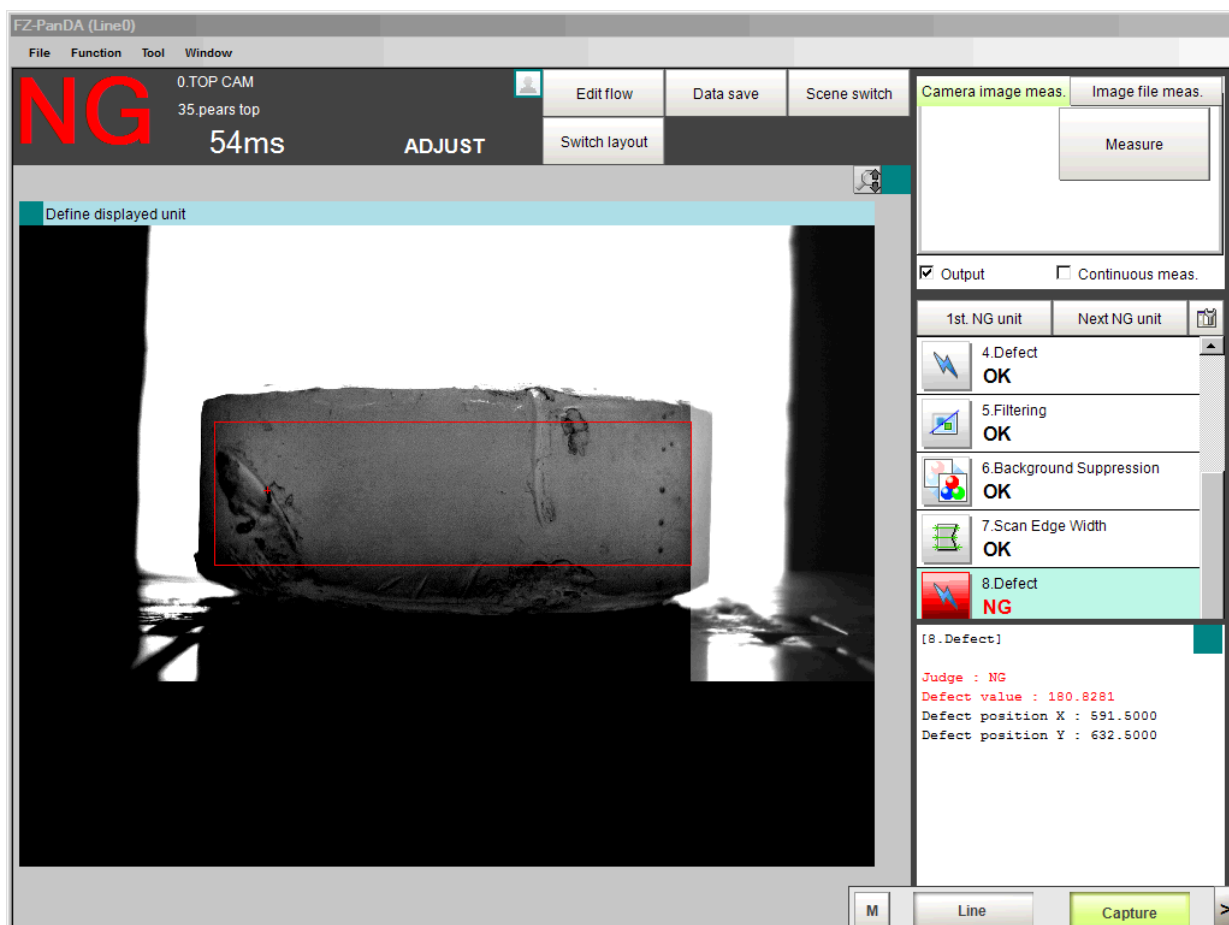
Scan Edge width program can give proper pixel value which can be converted to millimeters to check ideal thickness

2) BLACK PARTICLES AND VISIBLE DENTS SIDE CAMERA

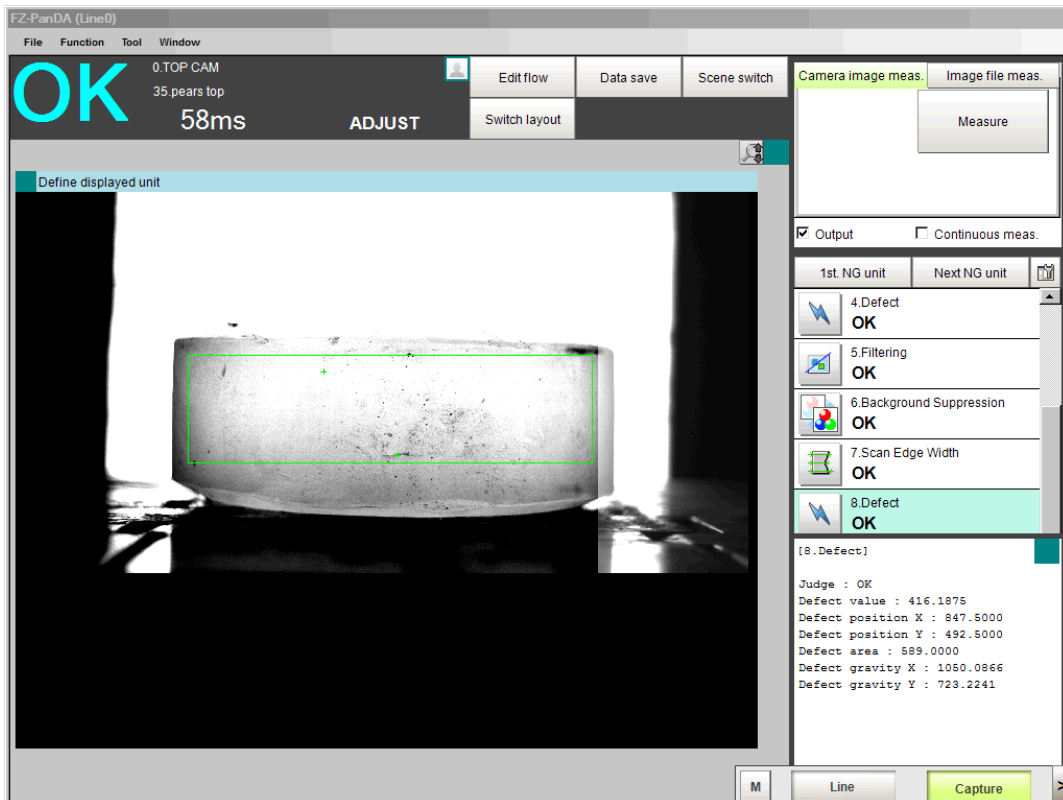


Black Particle on the surface

Dents on surface



Ok side image



CONCLUSION:

- 1) Camera System is able to check for all the defined parameters with a good degree of accuracy and consistency is required by the client.
- 2) The trials have been taken with two side cameras for which one sample is vertical and other is horizontal.

Why Us

TIVS is driven by the core values of service, integrity, and innovation. Our strength lies in our agility to adapt to a dynamic market, and our ability to transform challenges into successful market opportunities.

Our capabilities target winning results by understanding your technology needs aligned to your business objectives. Our differentiator is in servicing our clients to make them win; when you talk to us, you will understand our technologists possess significant insight into your business processes, much better than many other service providers.

We are renowned for our ability to provide products, solutions and implementation frameworks that are delivered through a strong focus on core business issues, strong process orientation and industry domain knowledge. We partner with our clients and implement solutions to successful completion, and ensure that they realize the desired business benefits.

For more information contact:

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