



# AI INSPECT

Simple, Faster, Better

NEW TECHNOLOGY

## Introducing Mitutoyo AI INSPECT

Mitutoyo Corporation, known worldwide for its expertise in Precision Measuring Instruments announces our latest innovation, AI INSPECT, a new industrial image defect detection software. The Mitutoyo AI INSPECT software uses modern deep learning convolutional networks to learn the visual differences between normal and defect pixels in any set of correlated images.

## The Mitutoyo AI INSPECT advantage



### Simple and easy-to-use

- > The user needs no knowledge of AI, data science, image processing or engineering.
- > User training can be adequately accomplished by watching a 15-minute demonstration video.
- > Six simple steps to success; Import and Classify, Defect Marking, Training Setup, Training, Results and Thresholds, Deploy



### Fast Processing

- > 70+ images per second on a typical VGA



### Highest Accuracy Defect detection

- > Industry leading image inspection rate for high throughput, large area, or high-resolution inspection



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## Intuitive interface with exceptional data visualization

Image classification thresholds and predictions

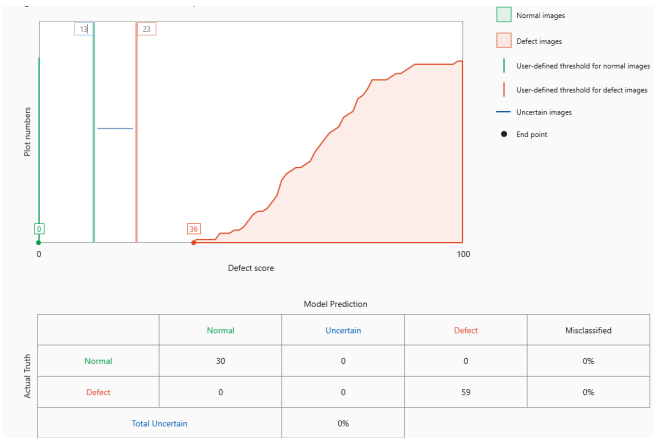
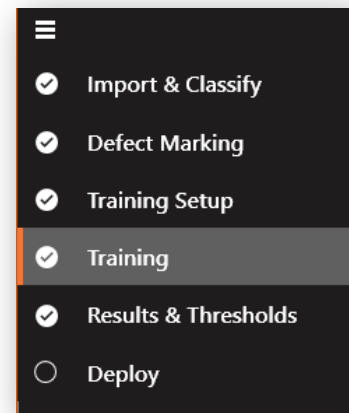
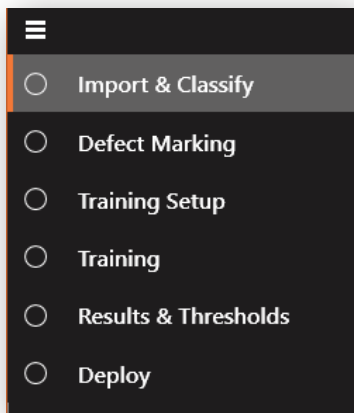
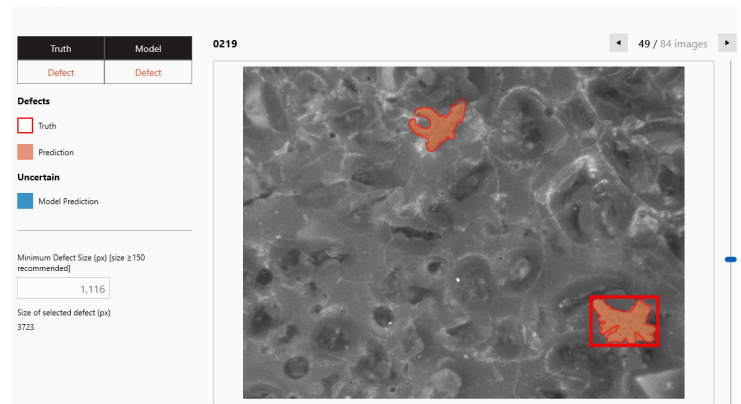


Image pixel predictions and defect size threshold



AI INSPECT is a solution for a wide variety of industries and applications  
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