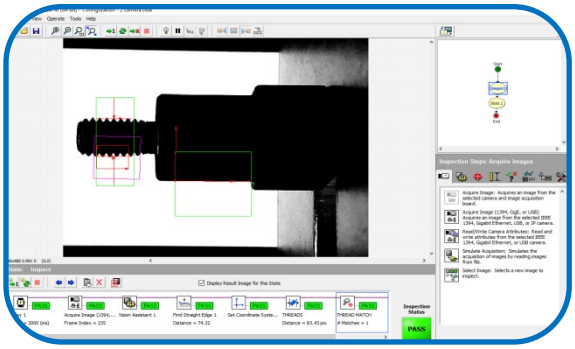
Introducing our newest inspection system…

MINISCOPE

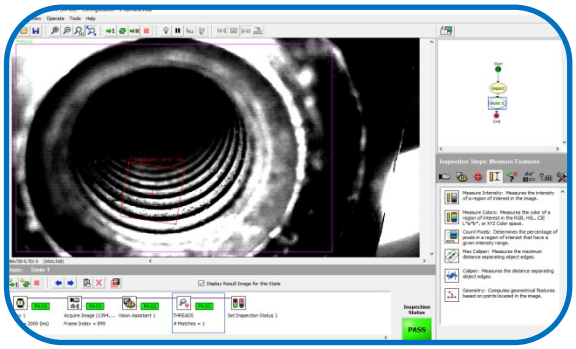
The MiniScope Inspection System has been designed by Attica Automation to allow for quick and portable inspection of a wide variety of parts. Whether your business is fasteners or machined components, you will have a full range of our Attica Vision inspection tools to verify the dimensions and features in correlation with your part's specifications.



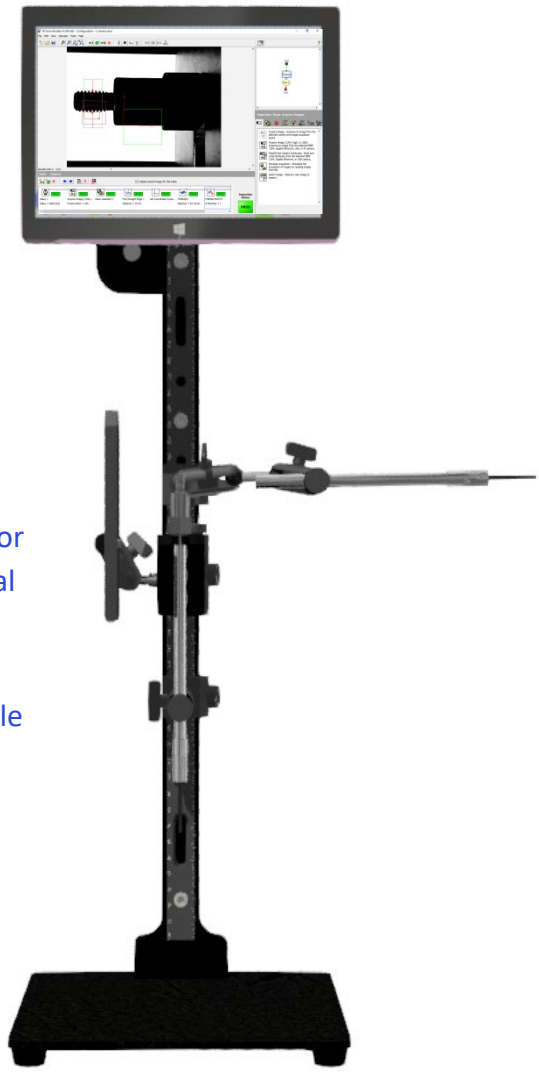
Positional back light for profile imaging to verify dimensional requirements needed for high quality parts.

PRICE STARTING AS LOW AS $7,900

Cameras with built-in front lighting to verify features such as internal threads and borescopic inspection.



Easy set-up and customizable configuration allows for hand-fed 100% optical inspection on many different parts, eliminating the variable of the human eye.



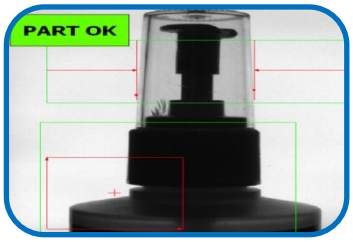
Attica Automation

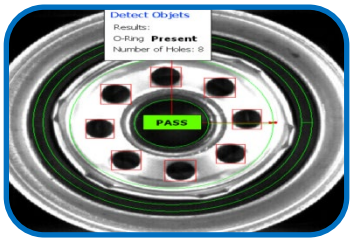
www.atticaautomation.com | 248.236.2454

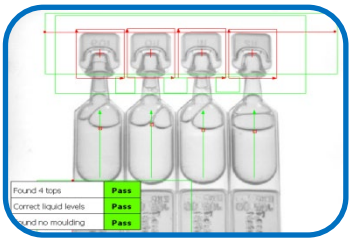
System Features and Specs

- Adjustable Camera Setup
- Repeatable to .001”
- Customizable Inspection Software
- Windows 10 Mini-Computer
- 8” Display with HDMI Connectivity
- Wireless Keyboard
- MicroSD Slot for Increased Storage
- Network Connectivity
- Customizable Part Fixtures
- Built-in Battery for Mobile Usage
- 110V Power Requirement

Sample Inspection Tools and Criteria Available







Find Straight Edge: Locates a straight edge in a region of interest.

Find Circular Edge: Locates a circular edge in a region of interest.

Match Pattern: Locates grayscale features (patterns) in the entire image or a region of interest.

Geometric Matching: Locates grayscale features based on edge information in the entire image or a region of interest.

Set Coordinate System: Builds a coordinate system based on the location and orientation of a reference feature.

Detect Objects: Locates objects of homogenous intensity (particle analysis).

Match Color Pattern: Locates color features (patterns) in the entire image or a region of interest.

Measure Intensity: Measures the intensity of a region of interest in the image.

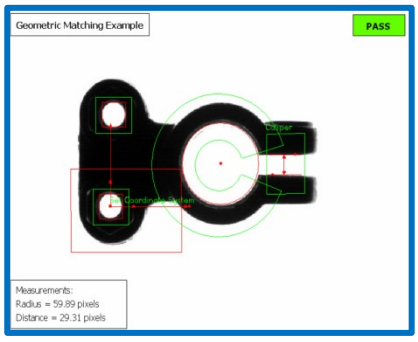
Measure Colors: Measures the color of a region of interest in the RGB, HSL, CIE L*a*b*, or XYZ Color space.

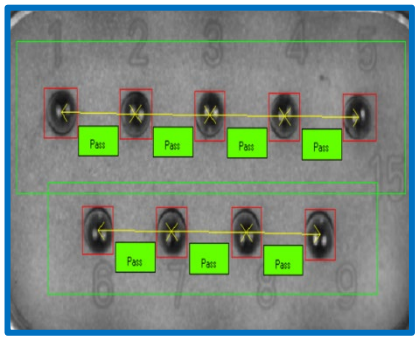
Count Pixels: Determines the percentage of pixels in a region of interest that have a given intensity range.

Max Caliper: Measures the maximum distance separating object edges.

Caliper: Measures the distance separating object edges.

Geometry: Computes geometrical features based on points located in the image.





For more information or a demonstration,

Contact us today!

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