



Sample Inspected Parts

Diecast



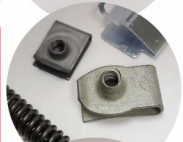
Machining



Stamping



Springs



Plastic



Inspection Capabilities Include:

In a single cycle the RT series inspection machine thoroughly examines unlimited areas of part for various inspection parameters including:

- O.D & I.D dimension
- Burrs
- Flash
- O.D. & I.D. thread checks
- Surface damages
- Shapes
- Voids
- Colors
- Cracks
- Blemishes
- Structural properties
- Chemical Composition
- Weighing

Defect Inspected Diecast Parts

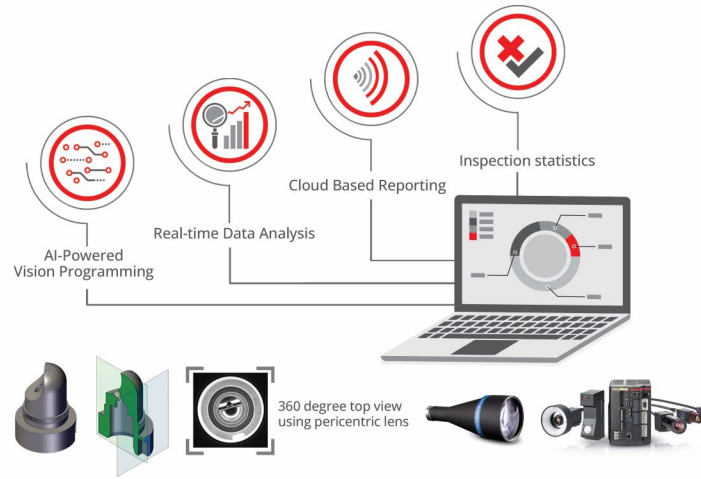


Approved parts



Rejected Damaged Parts

HMI View



Advanced Features of the RT Series Inspection Machine

- Efficiency:** Quick and precise inspections for enhanced productivity
- Versatility:** Adaptable to various part types without custom solutions
- AI Integration:** Seamlessly incorporates AI-based inspections for smarter assessments
- Data-Driven:** Collects and analyzes data for actionable insights
- Remote Connectivity:** Monitor inspections remotely for enhanced flexibility and productivity.
- Fast ROI:** Invest confidently for rapid returns, especially in high-volume production

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SORSYS
TECHNOLOGIES

RT Series
Universal
Inspection Machine



**AUTOMATED
QUALITY
INSPECTION**

Beyond Human Vision,
Defect-Free, Delivered



About the RT Series Inspection Machine

Experience the Future of Quality Control with Sorsys RT Series Inspection Machines. In the world of manufacturing, ensuring top-notch quality is paramount. Manual inspection processes can be unreliable, costly, and slow, particularly when visual inspections are involved. Traditional custom automated inspection solutions, though effective, often come with a hefty price tag, making them inaccessible for many small and medium-sized manufacturers. That's where Sorsys RT Series Inspection Machines shine. Our cutting-edge machines redefine precision and versatility, offering a cost-effective solution for a wide range of part types. With the power of AI-driven and automated visual inspection, you get reliable quality control at an accessible cost.

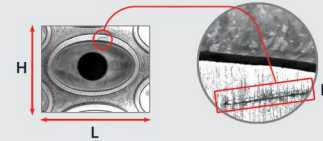


Customize the machine to your specifications by selecting the appropriate camera based on your part size

Choose the right camera resolution for your inspection by considering the size of the smallest defect you need to identify. Our options include VGA, 2MP, and 5MP cameras, each offering different levels of precision. If you require higher resolution or multiple cameras, our team is ready to collaborate on a customized machine design to meet your specific needs. Contact us for personalized solutions that address your inspection challenges seamlessly.

Camera Choices (e.g. Field of View (LxH): 2.36x2.95 in)

Resolution	Min Detectable Defect (D)
VGA (Standard)	0.014 in
2 MP (High)	0.005 in
5 MP (Ultra-high)	0.003 in



Business Model

Purchase & Own

Acquire the RT machine outright for complete ownership, seamlessly integrating it into your facility as an essential asset.

Certify at Sorsys Hub

We handle inspection, packaging, and certification at our facility with a per-part charge.

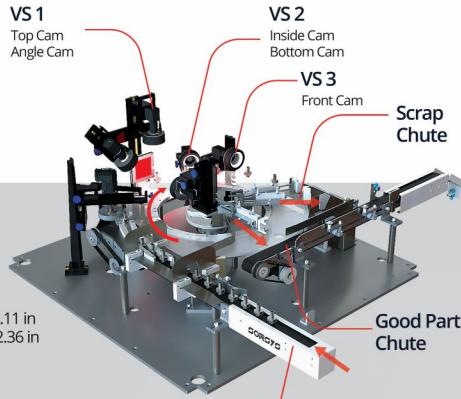
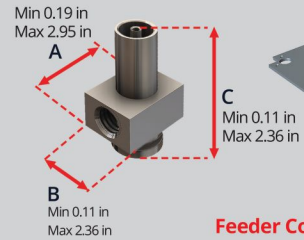
Rent-to-Own

Explore the flexibility of a rent-to-own arrangement, enabling you to make convenient installments while progressing towards full ownership of the machine.

On-Site Lease

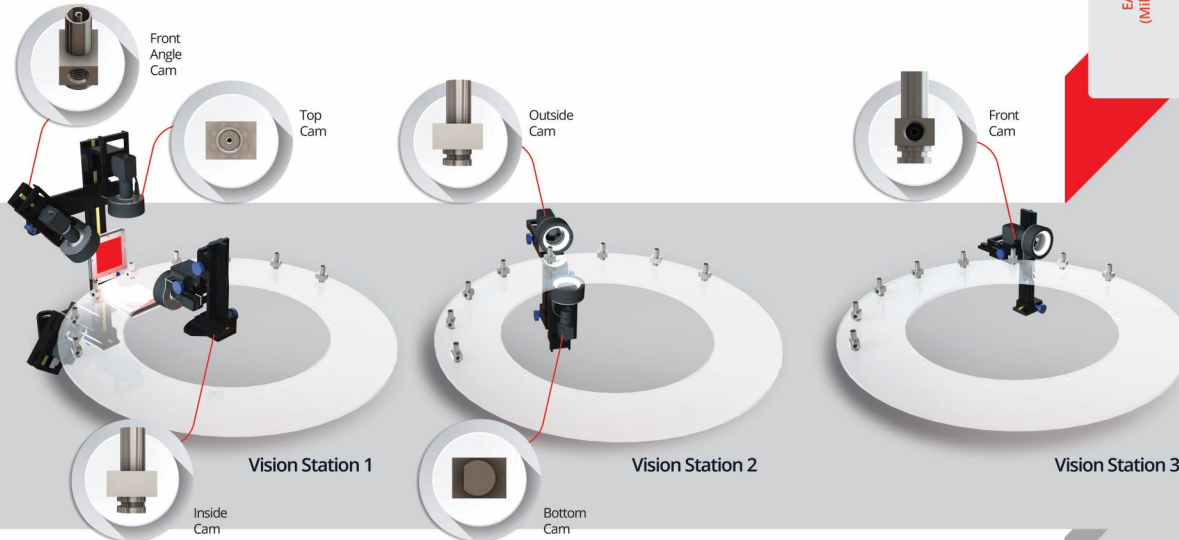
Opt for leasing the machine and seamlessly operate it at your facility, choosing from a fixed rate or a usage-based plan.

Three Vision Stations (VS)



Feeder Conveyor Choices

Vision-guided Robotic Feeders | Vibratory Feeders | Manual Feeding



Typical Return of Investment (month)

	Standard Precision	High Precision	Ultra High Precision
1-3	11	13	16
3-5	7	8	10
5-6	6	7	8

* Estimated Annual Usage

Up to 6 Cameras Inspecting Parts in Different Angles

When ordering the RT Series Inspection Machine, assess your inspection needs by considering which side(s) of the part require inspection. Our machine can accommodate up to 3 stations and up to 8 cameras, ensuring optimal coverage for your specific application.