≡ New EagleView 5 ≡

The Industry's Most Yield-Enhancing Macro Defect Inspection System

The new Microtronic EagleView 5: Nothing else gives you as much information on as many wafers — or as many ways to reduce defects and increase yields...

Inspect all wafers. Super fast. No sampling needed.

EagleView automatically macro-inspects every single wafer in every single lot. Edge to edge. At ultra high speed: 3000+ wafers/day. This tool delivers an actual high-res full-wafer color image, not a digital construct. It creates a complete, trackable "waferbase" that also includes each wafer's OCR number and slot position. This data hub can provide a unique wholistic picture of every wafer at every step. And it can even integrate inputs from microscope and micro defect inspection.

No recipes required. Just load and go.

EagleView accepts four cassettes, with 100mm to 300mm wafers. And no recipes are needed. It's totally plug-and-play. So you can eliminate all the time, hassle and special staff to generate and maintain recipes. With full automation, virtually anyone in your fab can use it anytime.

Catch more defects. And more root causes.

Because it sees every wafer, EagleView can catch a lot more defects. And, it gives you smarter ways to track down the root causes. At the start of each run, the fab's host automation system sends the lot's tool history to EagleView, where that gets integrated with the wafer image data. So when you spot a defect you can readily drill down to determine which particular process tool was the likely culprit.

Spot onesie-twosies. Stop excursions.

EagleView's 100% inspection lets you catch even those elusive one-time problems. Spotting them earlier often lets you send wafers back for rework rather than scrapping them later on. And fixing excursion prob-lems earlier lets you improve future fab performance. Plus, EagleView's special guardbanding capability can clearly ink off specific trouble areas on wafers so they won't cause problems down the line.

Wafer randomization for free.

While EagleView is inspecting wafers it can also randomize or sort them. Automatically. While maintaining full speed. So, if you want to do slot position analysis you won't need to buy extra sorters. And you won't need special IT efforts to pull together usable databases. EagleView takes care of all of that automatically.

Machine vision: better data, better consistency.

EagleView removes all the variables of human optical inspection. Its defect data recording is complete and consistent. Every day. Every shift.

Information for all.

There are no licenses restricting how many stations can use EagleView wafer data. Everyone can have access. Throughout your fab or enterprise, around the world. No extra charge.

Higher yields. Reduced expenses. Lowest CoO.

With EagleView there are no consumables, and maintenance is so minimal, customers can do it themselves. Plus, you can eliminate all the resources and time you used to spend on recipes. And you can get guardbanding (ink-off) virtually for free. Bottom-line: EagleView gives you the greatest savings at the lowest costs of any tool in its class.

Popular and proven.

EagleView macro inspection tools are boosting yields around the world and have already inspected over 200 million wafers! Perhaps EagleView could be helping your fab. Why not set up a demo and see for yourself!

micYotronic
macro defect management

Booth #1717, North Hall
Bring some wafers to run!