

NEW

HAMAMATSU PHOTONICS Failure analysis systems

Sequencer software

Automatic analysis for Dual PHEMOS®-X & iPHEMOS-MPX

Making wafer-level failure trends visible

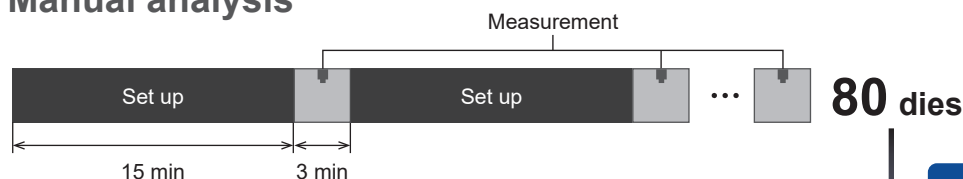
While die-to-die comparison is limited in manual EFA, automatic die-to-die analysis using our Sequencer software makes wafer-level failure trends visible.

Improved throughput

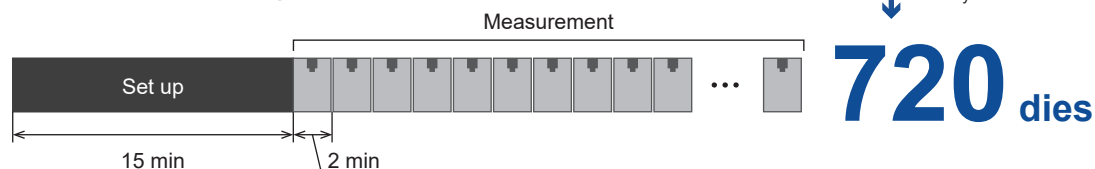
Data collection is often time-consuming, requiring several hours to image even a small number of sites.

Equipped with Sequencer software, our automated system features a macro-lens-only workflow that processes up to 720 sites within 24 hours—delivering throughput equivalent to nine conventional systems.

Manual analysis



Automatic analysis

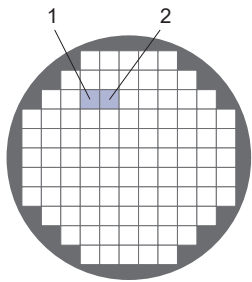


9 times*
24 h

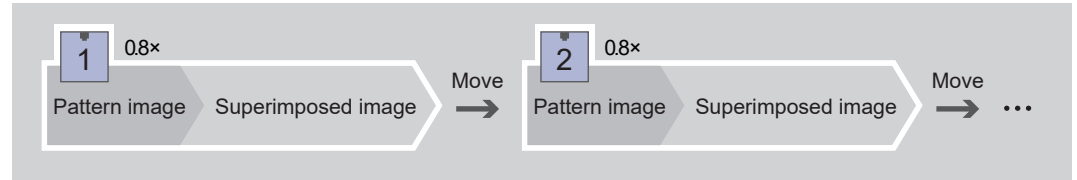
* When analysis is performed using only a macro lens.

Automatic die-to-die analysis

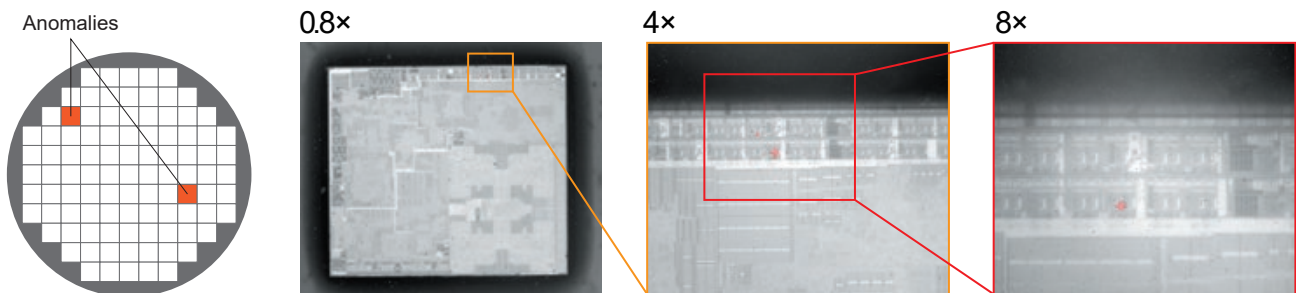
1. Automatically run die-to-die analysis using a macro lens.



Automatically run die-to-die analysis



2. Anomaly extraction with automatic zoom-in for deeper analysis.



Sequencer software is compatible with Dual PHEMOS-X and iPHEMOS-MPX



For product details, please visit the link below.

<https://www.hamamatsu.com/all/en/product/semiconductor-manufacturing-support-systems/failure-analysis-system.html>



LASER SAFETY

Dual PHEMOS-X, iPHEMOS-MPX are Class 1 laser products. Hamamatsu Photonics classifies laser diodes, and provides appropriate safety measures and labels according to the classification as required for manufacturers according to IEC 60825-1. When using this product, follow all safety measures according to the IEC.



Description Label (Sample)



Caution Label

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 - The product described in this brochure is designed to meet the written specifications, when used strictly in accordance with all instructions.
 - The measurement examples in this brochure are not guaranteed.
 - Specifications and external appearance are subject to change without notice.
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