

inProbe

Smart Product Routing

BENEFITS

- **Maximize Profitability:** With our advanced Yield prediction technology, you can significantly reduce total cost from Wafer Sort and Final Test.
- **Seamless Scaling:** Achieve a ten-fold decrease in required Wafer Sort capacity.
- **Adapt with Ease:** No costly Wafers Sort capacity expansion needed when demand surges. Our solution ensures smooth scalability.
- **Proactive Performance:** Receive immediate alerts for process issues right after PCM/ Wafer Acceptance. This enables you to promptly address potential problems and prevent costly delays.
- **Sustainable Manufacturing:** With smart product routing that supports a net-zero emission strategy, meet your production goals, while making a positive impact on the environment.

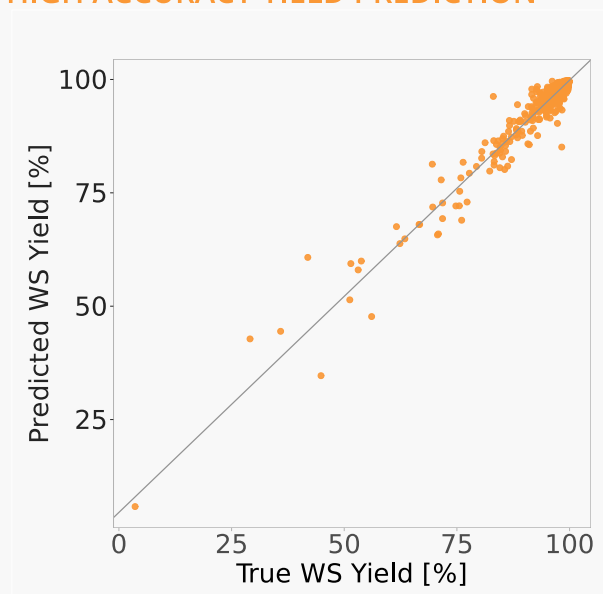
TECHNOLOGIES

- From raw files to model inference by employing self-hosted data pipeline.
- Machine learning model designed to optimize the cost objective function.
- Data under control with model inference behind your firewall.

APPLICATIONS

- Real time wafer yield prediction, featuring flexible integration with Manufacturing Execution System (MES).
- Smart Product Routing enables skipping of the Wafer Sort stage if the predicted yield exceeds financially justified threshold.
- Prediction of Know Good Die (KGD) after PCM/Wafer Acceptance.

HIGH ACCURACY YIELD PREDICTION



MARKETS

- IDM
- Foundry
- Fabless

GET IN TOUCH

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