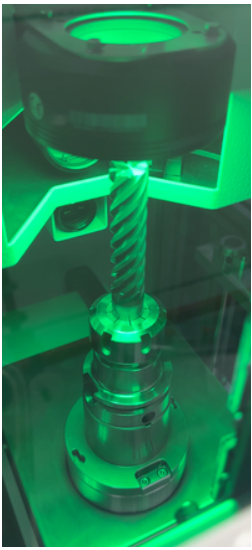


Tool inspection redefined with AI



Save Costs & Increase Quality

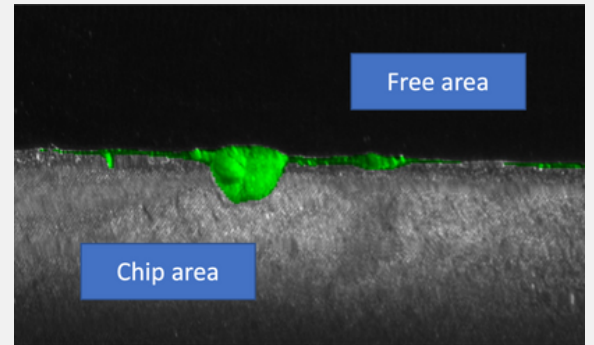


For tool manufacturers, the final inspection of the tools produced is carried out manually. Reason: There is no automated process that can determine the condition both quickly AND reliably. This is very labor- and cost-intensive.

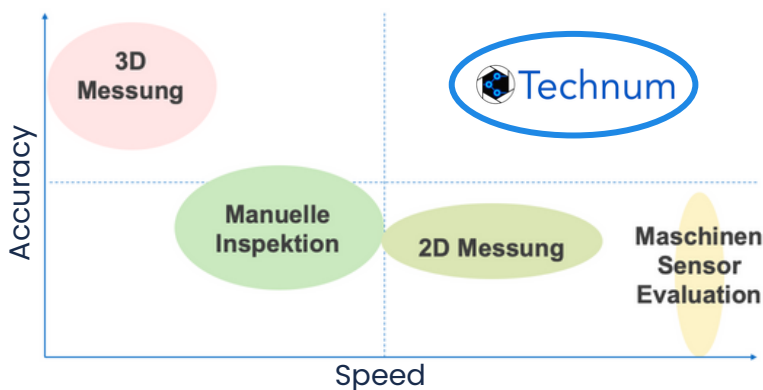
The TS-1 is the **first system of its kind that can quickly and precisely determine the condition of tools**. This opens up significant potential for cost savings and error minimization. Furthermore, tool users can use our system to optimize service life and costs.

Advantage through AI

Our solution uniquely combines specifically trained neural networks and computer vision (patent pending), enabling fully automated quantification and assessment of defects:



Unique on the Market



Specifications TS-1

- Measurement Duration: 15-30 seconds
- Precision Inspection: Lateral and end face with a resolution of 3.5µm*
- Fully automated CNC Axes
- Integrated Tool Measurement
- Fast Tool Change
- Dimensions (LxWxH): 700x600x900mm (excluding PC and monitor)
- Maximum Tool Length: 300mm*
- Maximum Holder Size: HSK-100 / SK50
- Tool Diameter: 3-20mm*
- Open Interfaces: Integration with other systems (e.g., production) possible

*Custom adaptations available upon request.

The Technum Core Team



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Interested?

Alex Lichtenberger looks forward to hearing from you!

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