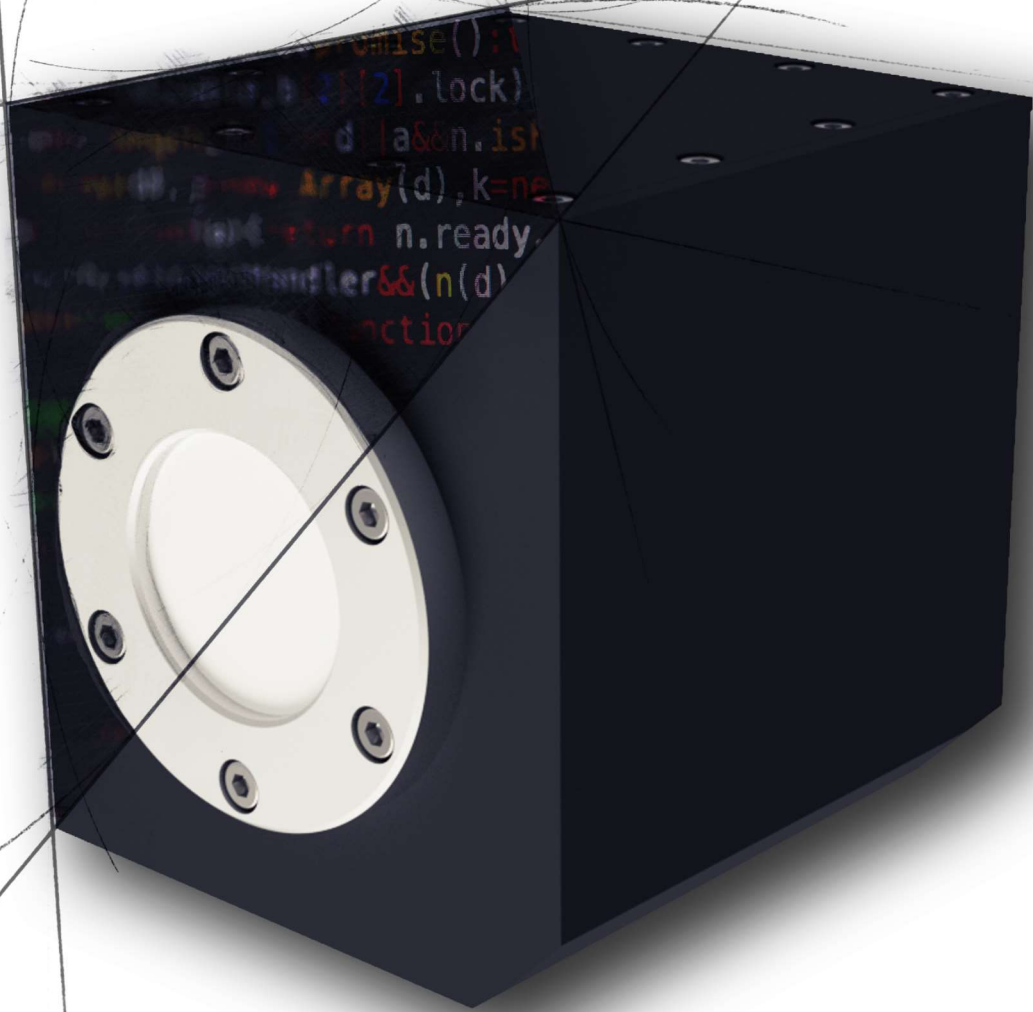


# mecorad

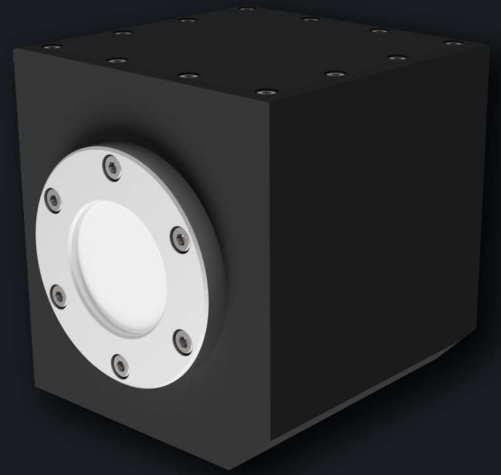


**wtl** series

# wtl series

mecorad's wtl series was developed to measure geometries under the metal forming industries' harshest conditions.

wtl series is based on state-of-the-art IT and radar technology. Even under conditions of extreme heat, thermal radiance, dust or aerosols our IIOT solution achieves sub-millimeter measurement accuracy where conventional optical or laser sensor technologies reach their limits.



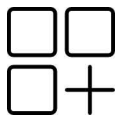
## Range of applications



Our modular solution guarantees technical scalability as well as the highest flexibility of the layout and measurement distance to achieve the best performance for you. It can be used in a wide range of applications to improve yield and resource efficiency, such as

- measurement of width, thickness and length of forming goods at any position in hot rolling lines
- hot metal detection, for example, at crop shear or for positioning in/after furnaces
- precise level measurement of filling and freeboard of steel and metal melts

# Key features



IIoT solution reaching far beyond the capabilities of a measurement system



Designed for harshest conditions



Radar-based measurement



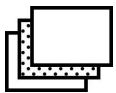
Reliability in extreme heat, dust, smoke, fog, spray,...



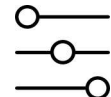
Measurement at sub-millimeter accuracy



Highly flexible distance to the measurement object



Modular arrangement of number and position of the sensors



No need for complex measurement bows



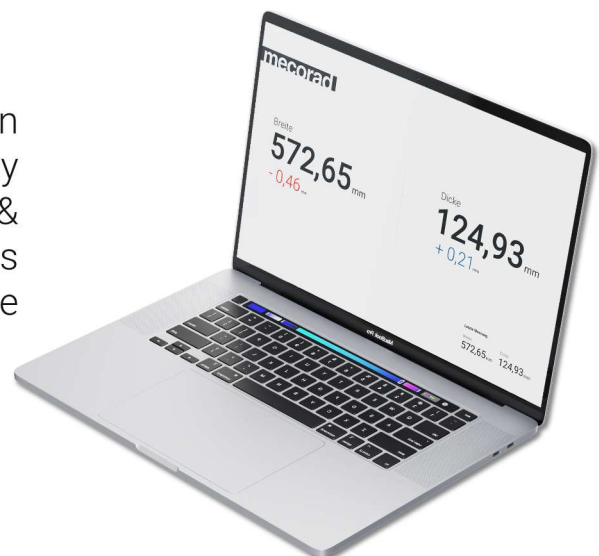
Low maintenance



Free of harmful radiation

## In-line measurement & optimization

wtl series is an IIoT solution. In connection with our applications, it measures at any process step in real-time, analyzes & optimizes processes with our applications and connects information into any of the customer's systems.



# Technical Data

Measurement rate	starting from 32 Hz (up to ~100Hz)
Frequency	122 GHz ISM
Measurement distance	200 mm to 5000 mm
Housing	IP67 or above; protection for use directly above steel melts possible

## Contact

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Zusammen.  
Zukunft.  
Gestalten.



Diese Maßnahme wird mitfinanziert durch Steuermittel auf der Grundlage des vom Sächsischen Landtag beschlossenen Haushaltes.

