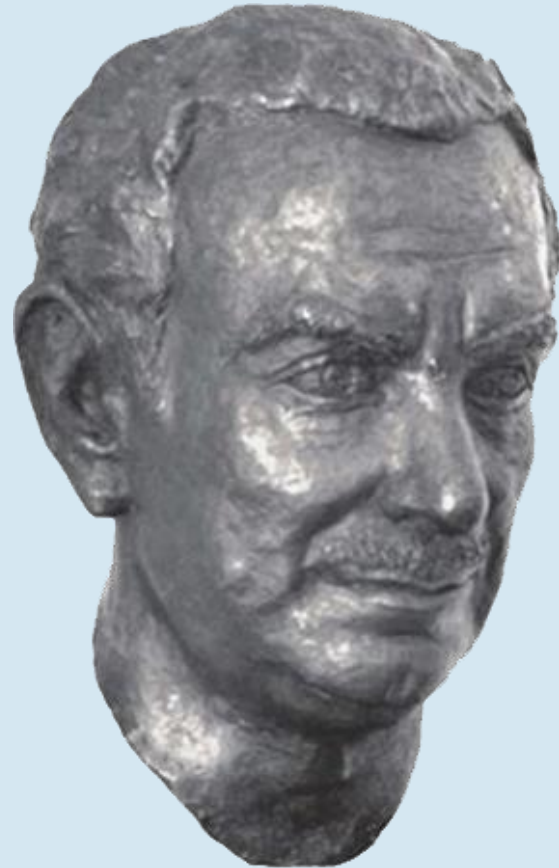


Dr.-Ing. Siegfried Werth Foundation

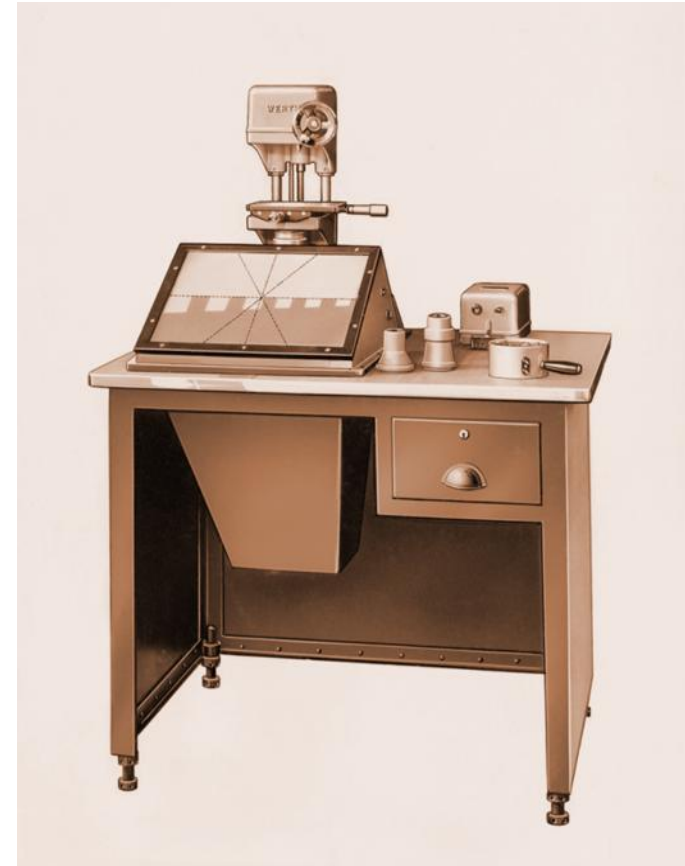
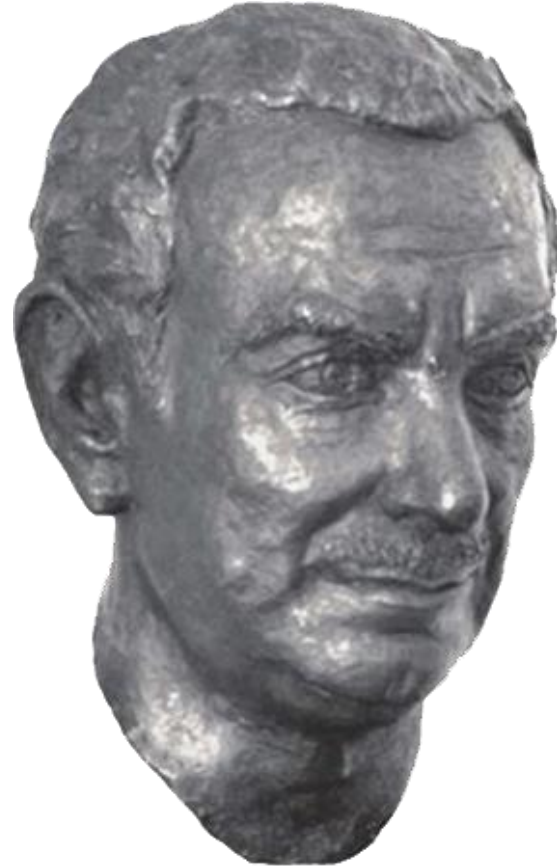


Dr.-Ing. Siegfried Werth

1907-1982



- Studies at TU Berlin and doctorate 1937
- Worked for BMW Eisenach and MAN Nuremberg
- 1951: Foundation of Werth Messtechnik GmbH in Düsseldorf, Germany
- 1958 - 1982: Development of Werth Messtechnik GmbH into a leading supplier of optical coordinate measuring technology in Gießen, Germany
- Innovations:
Digital caliper gauge
CNC Profile Projector



1954: First Werth measuring projector for drawing comparison

- 1987: Foundation established by Mrs. Maria Werth

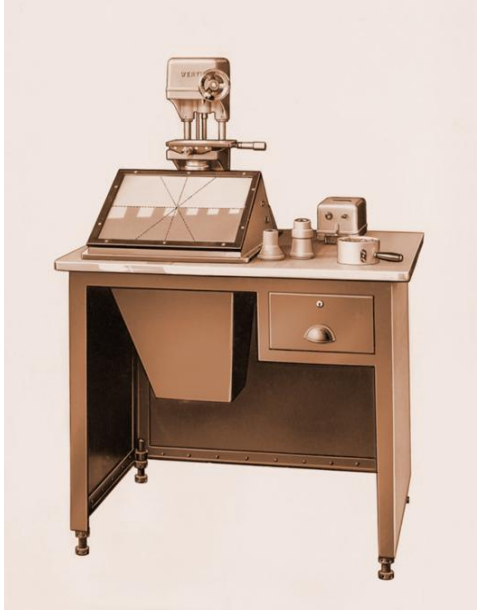
Purpose of the foundation:

- “Promotion and financing of scientific work in the field of non-contact dimensional measurement technology”
- Awards for theses and dissertations
- Awards for Master's and Bachelor's theses
- Awarding of doctoral scholarships



← **Maria Werth**





Werth Record® 55

- Profile-projector
- Measuring-projector
- Micrometer-accurate



Werth VideoCheck® UA

- World's most accurate Multisensor-CMM produced in series
- MPE E: $0,150 \mu\text{m} + L/2000$
- Perfectly integrated multisensor technology



Werth TomoScope®

- Coordinate measurement technology with computed tomography
- Fast 3D complete measurement inside and outside with the highest resolution

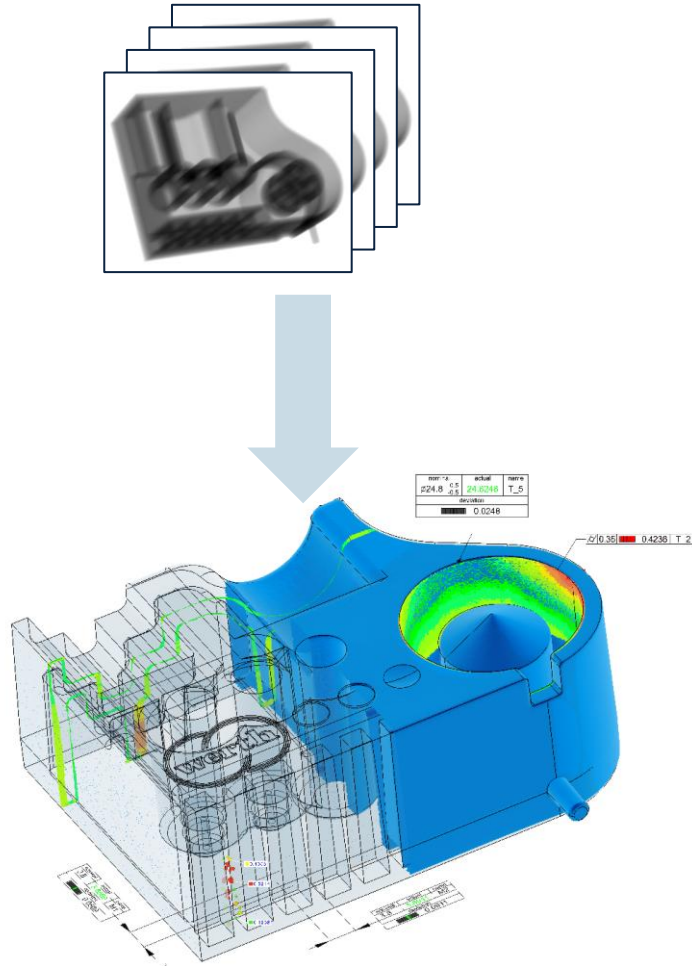
Multi-Sensor

- High Flexibility
 - Modular Design
 - Image Processing, Touch Probe and Laser
- Economic Solution
 - Measurement without re-clamping
 - Many tasks on one device
- Many unique, patented sensors and measurement methods



Prinzip Computertomografie

- Calculation of 3D volume from 2D X-ray images
- Complete:
Internal and external measurements
- Fast:
Measurement of multiple properties/workpieces
- Non-destructive:
Inspection of e.g. cavities or cracks



Leading in coordinate measuring technology with optics, tomography, and multisensor technology



VideoCheck® S

VideoCheck® UA

TomoScope® S Plus

Optics → Taktile → X-Ray-Tomography → Multisensor-System

MPE: 5 µm to 0,15 µm

Measuring-Range from 50 mm × 50 mm × 50 mm to 3500 mm × 1500 mm × 800 mm

Congratulations to the award winner:

Dr. Dominik Wolfschläger

We award the prize for the outstanding doctoral thesis in the field of non-contact dimensional measurement technology, with the topic:

“Metrologisch interpretierbare Merkmalsextraktion mithilfe Generativer KI für die industrielle Bildverarbeitung“

(Metrologically interpretable feature extraction using generative AI for industrial image processing)