



Made in Germany

# Optical scale **KOBA-optima II**

System for traceability  
and monitoring of  
photogrammetry and  
theodolite systems



## **DELIVERY PROGRAMME AND SERVICE:**

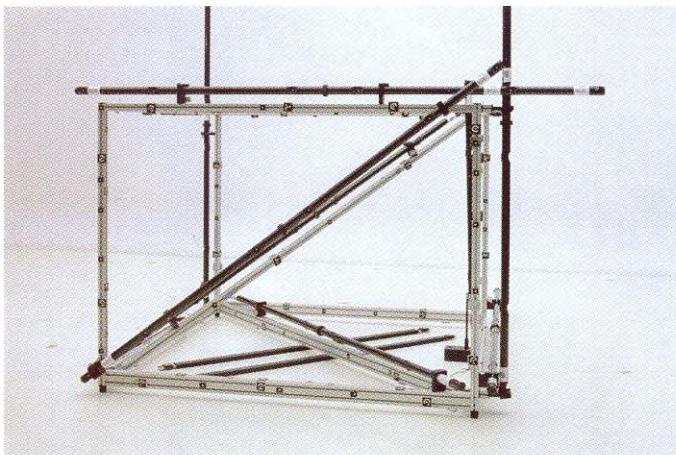
- Gauge blocks
- Gauge block accessories
- Step gauge KOBA-step
- Sphere plate KOBA-check
- Ball Bar
- Thread gauges
- Cylindrical gauges
- Flat gauges
- Precision parts
- Spline gauges
- KOBA-calibration service
- DKD-calibration laboratory

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### Properties:

- high short and long term stability
- thermal coefficient of expansion close to zero
- simplest handling
- low weight
- conforms to VDI/VDE 2634
- standard that can be calibrated to DKD



### Range of applications:

- traceability of measurements done with photogrammetry or theodolite systems
- calibration of photogrammetry or theodolite systems

### Features:

- stable two-part scale body out of CFC-tube which is non-sensitive to humidity, screw joint with best reproduction
- six CFC-target holder with 130° opening
- high precision targets out of glass with chromium layer designed as blind with Ø 10 mm and concentrically positioned rings of 1.25 mm internal diameter and 0.25 mm hairline.
- 15 individual measuring distances (up to 2588 mm length) on a single scale
- highest rigidity at low weight by using high-module carbon fibre
- flexible fastening clips for universal arrangement of the scales in the measuring volume

