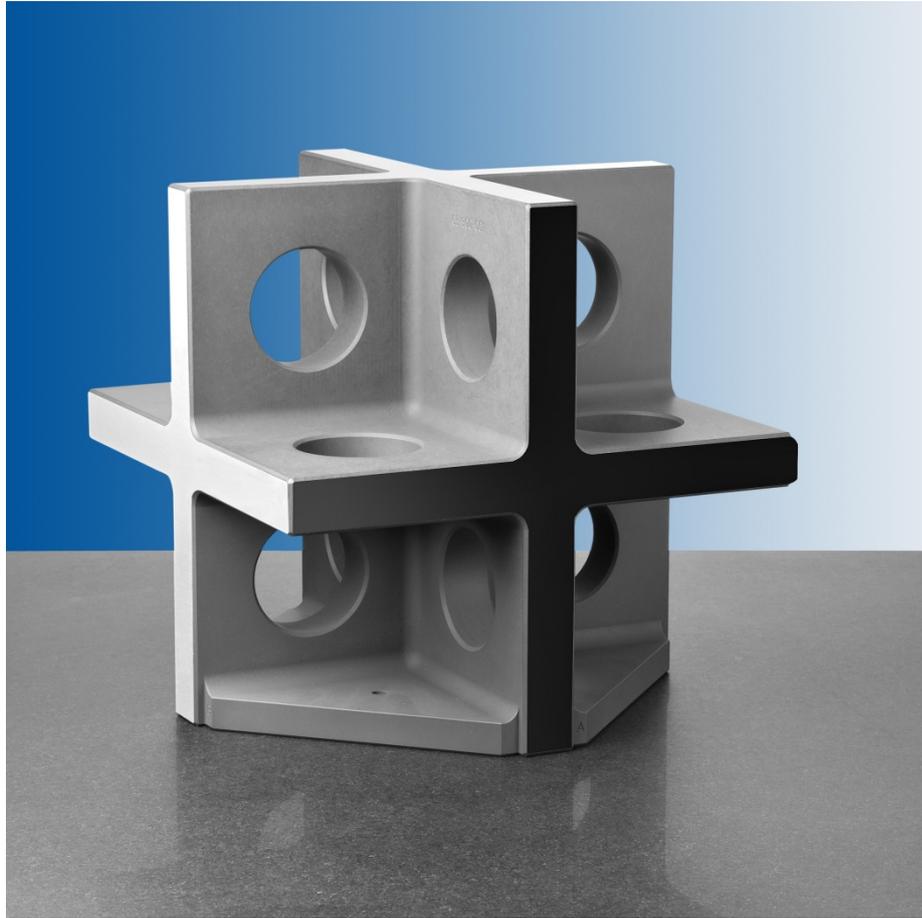


Measuring Equipment



The latest generation of measuring equipment:

- light
- ultra-precise
- handy
- absolutely stable

Measuring Equipment

Precise measuring equipment – precise products

When it comes to measuring machines and equipment, the requirements for precision are constantly increasing. That's the case when aligning linear guides as well as when doing software-based machine error compensation.

It seems obvious: If you are using measuring equipment on a high precision level, the result is that your product will be more precise with no extra work at all.

Innovation: measuring equipment made of aluminium

Kunz precision AG takes that fact into account and sets new standards: With measuring equipment made of high-quality aluminium, especially suitable for the measurement of machine tools, linear units and coordinate measuring devices.



Aluminium offers the great advantage that the material temperature equalizes very quickly because of the enormous high thermal conductivity.

The unsurpassed precise measuring equipment made of aluminium remains one hundred percent stable and is easy to handle. This saves a lot of time in daily use.

The very hard and resistant surfaces of the measuring equipment are machined under strict quality guidelines to the highest precision. From test straight-edges over test-squares to test cubes, the Kunz measuring equipment always shines with its mirror smooth and non-porous surface.



Advantages:

- Low weight
- No pores as known from hard stone
- Highest accuracy
- Exactly defined points of compression
- Slightest deflection
- Regardless humidity
- Rapid temperature adjustment
- Flexible dimensioning

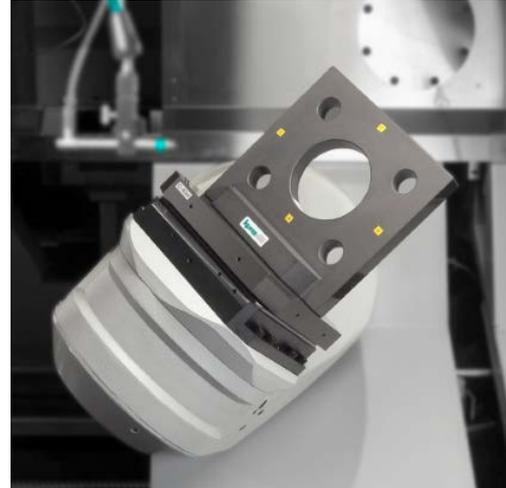
All of our measuring equipment is supplied with a calibration certificate SCS (according to ISO/IEC 17025). Kunz precision AG offers excellent precision: accuracies up to 0.1 μm at a length of one meter are available.



Measuring Equipment

AL *mini*: measuring equipment in small dimensions

With this product line in small dimensions we satisfy an important customer need: Practical units that convince with high accuracy and the possibility of attaching them in the machine or on a carriage. In particular this innovative set has been developed for the calibration of 5-axis CNC machines.



Periodic Recalibration

When it comes to periodic recalibrations our customers benefit from a fast and uncomplicated service and the support of our specialists.

Examples from our product range

	Type	Length	Accuracy
Reference ruler	G6	L 300 – 1200 mm	Straightness 0.1 – 1.0 μm
Reference ruler	G5	L 800 – 2000 mm	Straightness 0.5 – 2.0 μm
Squareness standard	E4	L 200 – 800 mm	Squareness 0.5 – 2.0 μm
Precision test cube	SWISS-cube®	L 100 – 350 mm	Squareness 0.5 – 2.0 μm

Subject to technical modifications.



Software GEO-plus®

For the dynamic measurement and neat recording of straightness, parallelism and squareness the software program GEO-plus® is our unique, efficient and user-friendly measurement tool.

Do not hesitate to ask for more information, we would be pleased to help you.



«With our measurement services and products we fulfil an important contribution in metrology. For this we find excellent solutions that inspire. Kunz precision AG excels with the highest measurement accuracy – world-wide.»

Ernst Kunz, CEO



Kunz precision AG
Riedtalstrasse 16
CH-4800 Zofingen
Switzerland

Fon +41 (0)62 746 00 20
Fax +41 (0)62 746 00 21
mailbox@kunz-precision.ch
www.kunz-precision.ch