Don’t let your accessories downgrade the accuracy of your CMM.
Get the ZEISS Original Accessories – made for your CMM.

By minimizing the overall measurement uncertainty, a maximum number of good parts can be delivered that are definitely within the tolerance range. Using low-quality accessories has a direct and negative influence on the overall measuring uncertainty, reducing the accuracy that can be achieved by your CMM.

For the perfect match to complement your quality assurance equipment, put your trust in ZEISS Original Accessories. Specially developed and tested for ZEISS measuring systems, our diverse portfolio will optimize your measuring processes and productivity.

Make the right choice:
probes.zeiss.com

Your questions answered,
by our local experts.

Find your local contact here:
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Some things are made for each other

ZEISS
Seeing beyond

Made for precision
ZEISS Original Accessories

Made for downgrade
Low-quality metrology accessories

ZEISS adapter plates

Only original ZEISS adapter plates can ensure that the full potential of the CMM is used and its measurement uncertainty maintained. Apart from the high quality, which ZEISS closely and continuously monitors, further key reasons for using certified ZEISS adapter plates include improved quality of measurement results, higher productivity, and increased system stability.

Measuring uncertainty
up to 5× lower than for non-ZEISS adapter plates

Non-ZEISS adapter plates

The adapter plate is a crucial part in your measuring setup as it connects the stylus system to your probe head. Low-grade materials and poor production quality result in unstable or incorrect data transmission. In addition, non-ZEISS adapter plates are not equipped with an ID chip that enables you to prevent operating errors and incorrect measurements.

ZEISS REACH CFX Carbon fiber extensions

The overall influence of the extension on the measuring uncertainty is mainly determined by three factors: weight, thermal expansion, and static stiffness. ZEISS uses only high-quality carbon fiber, ensuring the best possible results for all three factors.

Measuring uncertainty
up to 3× lower than for non-ZEISS extensions

Non-ZEISS extensions

Using unsuitable materials such as titanium or aluminum has a negative impact on the three factors that determine the influence of the extension on the measuring uncertainty. This even applies to ordinary carbon fiber tubes that are not made for metrology applications.

ZEISS styli

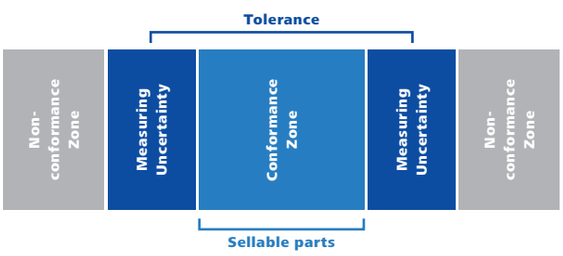
Quality of styli is determined by the highest possible stylus rigidity, the geometric accuracy of the stylus element, and the maximum roundness of the measuring probe sphere. The strict ZEISS process controls in manufacturing guarantee styli quality of the highest order. Thanks to the latest production technologies, our styli are particularly precise, stable, and durable.

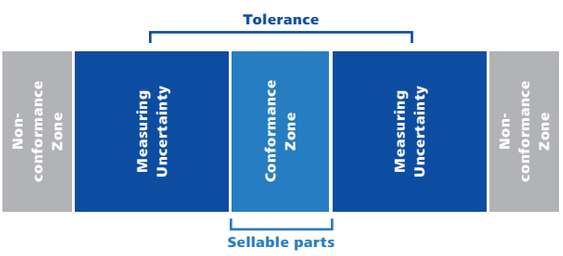
Measuring uncertainty
up to 3× lower than for non-ZEISS styli

Non-ZEISS styli

Low-quality styli with faulty connection design and form deviations of the stylus tip – due to low material quality or pinned connections between shaft and ball tip – have a significant influence on the accuracy of the measurement. This results in measurement errors and thus an increase in scrap rates. The service life of the styli is also considerably reduced if the manufacturing processes are not state of the art.

*example calculation





ZEISS Original Accessories enable you to reliably deliver high-quality products by minimizing the measurement uncertainty for each individual measuring point.