

Fast. Certified. Safe.

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ZEISS Adapter Plates

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Seeing beyond

Fast. Certified. Safe.

Only available with the original

A CMM from ZEISS is a high-precision system. All components are optimally designed to fit and work together. Even smallest modifications to the quality requirements of the components can affect the whole CMM. The adapter plate is a central interface between the CMM and your workpiece as it connects the stylus system to your probe. Especially at this interface no compromises can be made. Can you estimate the effect an adapter plate made of cheaper material has on the whole system?

Only original ZEISS adapter plates can ensure that the measurement uncertainty of the CMM is maintained and its full potential is used. Original ZEISS adapter plates are produced in Germany and their quality is monitored according to our strict test standards. Apart from the high quality, which ZEISS closely and continuously monitors, more important reasons speak for using certified ZEISS adapter plates: improved quality of measurement results, higher productivity and increased system stability.

1 Prevention of operating errors and incorrect measurements

ZEISS adapter plates identify the stylus system in the software via the ID-chip, thereby preventing operating errors and incorrect measurements. Another benefit: more information, such as the measuring pressure or the angle of the active stylus system, is available on the control panel display with the originals.

2 Reduced measuring time

The "FlyScan" function allows the stylus to move straight ahead over a gap and to continue scanning on the other side without interruption. Nevertheless, the software evaluates the correct measuring points. Depending on the workpiece, this procedure can save up to 70 percent of the measurement time, for example in a tip circle measurement on a gear wheel.

3 Accelerated stylus changes

The "Quick Change" software function accelerates exchange of the stylus by 50 percent. This is valuable in the case of complex workpieces requiring several stylus changes. All functions out of the VAST Performance Kit can be only used with original ZEISS adapter plates.

4 More robust data transmission

The refined bearing position of the XXT adapter plates retain system stability while maintaining the same high level of accuracy. Gold-coated contact points improve electrical conductivity, which ensures more robust data transmission. Overall CMM equipment efficiency is only guaranteed by using the original ZEISS adapter plates.

