


XOrbit – just measure

The WENZEL XOrbit is the ideal coordinate measuring machine, wherever the core aspects of measuring are required and where rapidity and ease of use are in demand. It can be used for checking incoming goods and throughout the production cycle until final inspection since it fulfils all major demands. No matter whether for individual measurements or

scanning, for individual components or mass production (total CNC control), the XOrbit is suitable for universal applications. The XOrbit is efficient and multitalented due to its flexible and simple use. Consistent orientation on an intelligent machine concept enables economic entry into coordinate metrology. Simply measure - simply good.

XOrbit features:

- The XOrbit combines the decades of experience gained by WENZEL by concentrating purely on the functionality.
- CMM material No. 1 is used for the XOrbit: Granite.
- The base plate, the cross-beam and the quill are made from granite thus ensuring an identical thermal reaction in all axes.
- High-tensile air bearing guide ways in the Y-axis with very precisely lapped locating surfaces incorporated in the granite base plate: A guarantee for outstanding long-term stability.
- Self-cleaning and wear-free air bearings in all axes ensure easy operation.
- Good accessibility during maintenance work.
- CNC-bridge design measuring machine, both with touch-trigger as well as with scanning probe system.
- Multisensor capable



| Measuring range (mm) | XOrbit 55 | XOrbit 87 | XOrbit 108 |
|-------------------------|-----------|-----------|------------|
| x | 500 500 | 800 800 | 1000 1000 |
| y | 700 1000 | 1000 1500 | 1200 1600 |
| z | 500 500 | 700 700 | 800 800 |

