

The Manual 3D CMM
XCite



SIMPLY MEASURED

XCite

XCite is the new manual 3D coordinate measuring machine for quick verification of simple parts. It enables the economical entry into the world of metrology.

The compact sensor collects probe points, which are stored and evaluated with the powerful measuring software Metrosoft QUARTIS. Thus, reliable measurement values for different measuring tasks are generated with minimum effort. As standard the XCite is delivered with the manual probe system MCP from Renishaw.

The XCite offers easy operation and an attractive starting price. The all-round system is suitable for quality control of components. It is an inexpensive alternative to gauges or multipoint measurement systems.

Ergonomics and Usability

Just measure

- The easy to use WENZEL measurement software generates fast accurate measurement results.
- Fine tuning for each axis and individual axis locks allow accurate positioning and precise detection.
- Individual user training enables a fast and efficient application.

Robustness and Durability

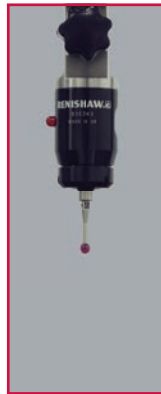
Investment protection through robust and modular engineering

- XCite CMMs manufactured from granite are free of internal tensions and extremely wear resistant.
- The guide way of the Y-axis is fitted with bellow type covers to protect against contamination from dust and dirt.
- Space saving compact design for greater flexibility.
- Data compatibility with all other WENZEL systems.
- Seamless import and export of data into modern computer-aided systems like CAD, CAM or CAQ.





Compact Sensorik



MCP

Manual contact touch trigger probe system for standard and easily accessible measuring tasks.



MH20

Compact and manually adjustable probe head with an integral stylus module mount for the TP20 touch trigger probe system, which is extremely robust and flexible.



MH20i

Manual indexing probe head with integral TP20 module mount. Probe modules which are already calibrated can be replaced without recalibration keeping a high repeatability.

Serviceability

Reduced downtime due to high serviceability

- Long and costly maintenance intervals can be avoided by easy accessibility to maintenance components.
- WENZEL Online Service (WOS) allows quick online diagnosis for help.
- High availability of spare parts worldwide.

The sizes of the XCite

Overview measuring range (in mm)

	X-Axis	Y-Axis	Z-Axis
XC 5.6.5	500	600	500
XC 7.8.5	700	800	500
XC 7.10.5	700	1000	500
XC 7.12.5	700	1200	500

Further Y-lengths on request. Subject to technical modification and to changes in scope and design.

