

The Manual CMM
Xcite

WENZEL®



XCite Manual CMM

The XCite is a cost effective, air bearing manual CMM, manufactured from granite with intrinsic accuracy. The available measuring sizes cover the majority of applications for manual part inspection including production parts, tooling and fixtures.

Manufactured from truly metrological material to precise tolerances the XCite is assembled by experienced craftsmen and measures to microns.

An Xspect Solutions CMM is built to microns, and measures to microns for Life - Guaranteed.

With accuracy at its heart and straight to the point, the XCite Manual is an accurate CMM straight and true.

Measuring System	Renishaw Scales
Resolution	0.4 microns
Probe System	Renishaw
Z-axis	Counterbalanced
Max. Balance Weight	8.5kg
Air Consumption	6-8 kgf/cm ²
Bearings	Air bearings on all axes

Model	X	Y	Z	Accuracy
XC 5.6.5	500	600	500	3.5 + L/250
XC 7.8.5	700	800	500	4.0 + L/250
XC 7.10.5	700	1000	500	4.0 + L/250
DC 7.12.5	700	1200	500	4.0 + L/250



Probe Systems



MCP Manual Probe

Manual contact touch trigger probe system for standard measurement applications.



MH20i Indexing Probe Head

The A axis rotates through 90° in the X-Y plane. The B axis rotates through 180° in the Z plane. A lever locks the head in one of up to 168 repeatable position, set at 15° increments.

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.

Ergonomics and Usability

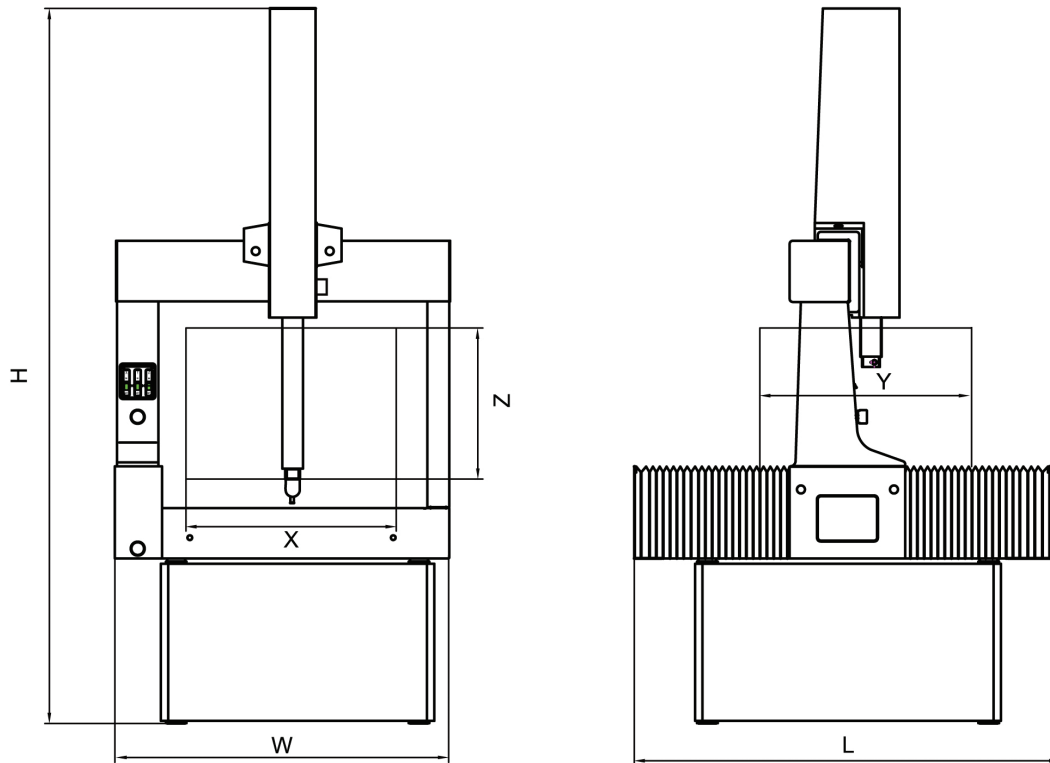
Just measure

- 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.

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.



Model	5.6.5	7.8.5	7.10.5	7.12.5
W	930	1130	1130	1130
L	1240	1440	1640	1840
H	2450	2450	2450	2450
X	500	700	700	700
Y	600	800	1000	1200
Z	500	500	500	500
Weight	580kg	800kg	910kg	1020kg

Supplying the Best Value in

CMM



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