

Email: sales@aberlink.com
Phone: +44 (0)1453 884461

MAKING LARGE, PRECISION MEASUREMENTS BOTH SIMPLE AND AFFORDABLE



- 1 Shortest learning curve of any equivalent system
- 2 Smallest overall footprint of any comparable size CMM
- 3 Choice of Y Axis sizes ranging from 1000mm to 3000mm
- 4 Suitable for the workshop environment
- 5 Optimised friction free air bearings, all aluminium bridge and granite table

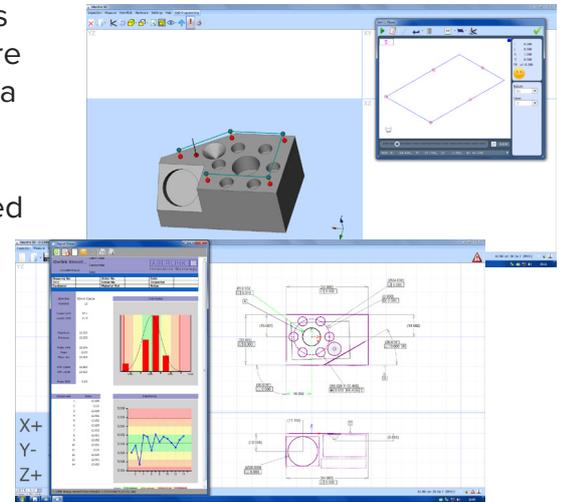
The Zenith 3 CNC CMM is the result of a design evolution of the award winning Zenith too range of machines, taking into account over 20 years of CMM design experience. Many of the design improvements revolve around the right leg of the machine, which has been modelled on the hugely successful Azimuth machine. Greater air bearing separation results in greater stiffness, and so has improved the accuracy significantly. The first term error for this new model is more than a micron better than the Zenith too. And all this comes with no cost penalty: The Zenith 3 CMM will continue to be sold at the same hugely competitive price that its predecessor was famed for, making large scale CMM measurements not only simple, but affordable.

Making Measurement Easy

The Whole philosophy for Aberlink is to make measurement easy. Aberlink 3D software has been written by engineers for engineers and sets the industry standard for simple-to-use software. Software modules are also available for off-line programming of parts from a CAD model and also for comparing measured results to the CAD.

Aberlink 3D software is revolutionary. As a component is measured a representation of it is built up on the screen. The user simply clicks on the measured features to call up dimensions exactly as they would appear on a drawing.

Popular throughout the world, Aberlink's measurement software provides the user with a powerful, yet easy-to-use user interface. This substantially increases component through-put and vastly reduces the learning period of new users.



Aberlink makes the world's easiest-to-use CMMs...
....making 3D metrology both easy and affordable.

Specification

Type	CNC
Measuring Volume	X 1000mm Y 1000, 1500, 2000, 2500, 3000mm Z 600, 800mm
Table	Granite
Accuracy	ISO10360-2: TP20 (2.7 + 0.4L/100) μm TP200 (2.6 + 0.4L/100) μm SP25M (2.4 + 0.4L/100) μm
Measuring System	Renishaw Readheads and Tape Scale
Resolution	0.5μm
Max. Acceleration Vector	600mm/sec ²
Max. Velocity Vector	600mm/sec
Bearings	Optimised Friction Free Air Bearings
Air Consumption	50 l/min (1.8 cfm)
Required Air Pressure	4 bar (60 psi)
Software	Aberlink 3D CNC Software

