



Extreme DCC CMM



Aberlink CMM Price List

Xtreme DCC Models:

Xtreme 350 (Cylinder 350 x 200mm) 300 x 300 x 200mm

Xtreme 500 (Cylinder 500 X 290mm) 400 x 400 x 290mm

3-port change rack with one additional TP20 module	\$2,709.00
Additional TP20 stylus module - standard force	\$ 840.00
CAD Programming Module (STEP and IGES)	Included
Ambient Automatic Temp Comp	Included
Installation and calibration	Included
3 days onsite training	Included

Free Video Training Course

Free Software Support and Updates for Life

Free 2 year warranty if ordered by December 14, 2018

FOB Customer Facility.

Additional Accessories

APC Battery Backup

\$325.00



The innovative Xtreme is an evolution of CMM technology. However, it is the price of the Xtreme that will have such a significant effect on the market, with the potential for multiple units replacing a single inspection room CMM, ensuring that measurement is provided close to where it is required.



Model:	350	500
Axis Travel (mm)	Min Linear Circular X 300 } 300 } Ø359 Y Z 200 200	Min Linear Circular X 400 } Z 270 } Ø510 Y 400 270 270
Overall Size (mm)	X 790 Y 900 Z 2030	X 905 Y 1140 Z 2195
Overall Size (mm) with monitor arm	X 995 Y 1060 Z 2030	X 1120 Y 1300 Z 2195
Volumetric Accuracy:	(3 + 0.4L/100) µm	(3 + 0.4L/100) µm
Scale Resolution:	0,5µm	0,5µm
Operational Temp Range:	0 - 45°C	0 - 45°C
Table:	Granite plate	Granite Plate
Max. Velocity Vector:	500mm/sec	500mm/sec
Max. Acceleration Vector:	750mm/sec ²	750mm/sec ²
Air Consumption:	None	None
Required Air Pressure:	Not required	Not required

Key Features

- No compressed air required - the Xtreme is 'plug and go'
- The Xtreme's mechanical bearings mean that it is robust, so ideal for less than perfect environments
- Built-in temperature control - accuracy is maintained even when ambient temperature is not controlled
- Aberlink's revolutionary [easy-to-use measurement software](#)
- Shortest learning curve of any equivalent system - 1 day without prior CMM experience
- Smallest overall footprint of any comparable size CMM

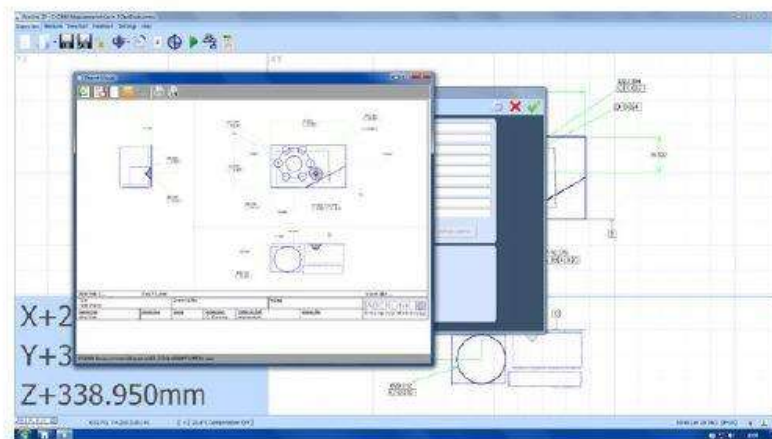
Standard Package

- Aberlink 3D measurement software for touch probe feature inspection
- Windows based controller
- Integrated keyboard and monitor
- Renishaw TP20 probe system
- Aberlink probe stylus kit
- Aberlink Ø19mm sphere CMM requalification kit
- User training course - up to 4 trainees and software user guide
- 12 months full parts and labour warranty
- Free-of-charge telephone helpdesk support
- Free upgrades of software for the life of the machine

ABERLINK 3D

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. Designed around a graphical interface, Aberlink 3D can work in 2D or 3D, on manual or CNC CMMs and is equally at home when used with either touch, scanning or vision systems. It is easy to understand why Aberlink 3D has become the software of choice not only for Aberlink, but for numerous other manufacturers of measuring devices around the world.

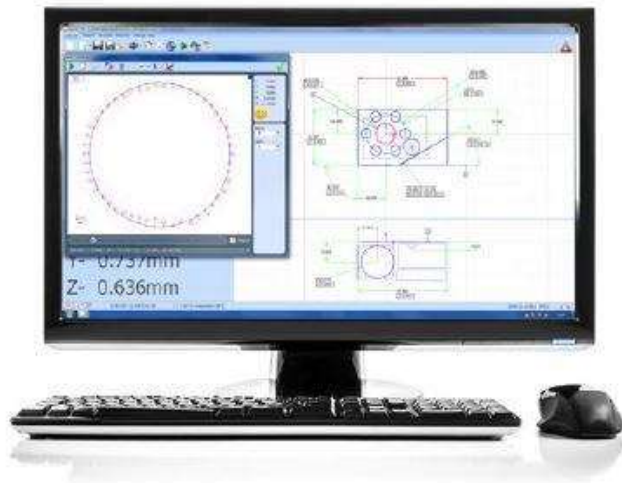


Aberlink 3D software is not only way ahead of its competition in being the industry standard for 'easy-to-use' software, but also has the depth of functionality to make it the choice for either occasional users or full-time inspection professionals.

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.

Inspection reports can be in the form of fully dimensioned graphical representations as created on the screen, or tabulated reports in various formats that can show nominals, tolerances, errors, pass/fails, geometric tolerances etc. These reports can also be output to an Excel spreadsheet.

Further reports are available to show the form of features (roundness, straightness etc.), hole or point positions, or complete batch results on one report. The user's company name also appears on all outputs.



Every time a component is inspected, a programme for measuring subsequent components is automatically created. The software also calculates 'safe' moves between features, even when the probe is indexing – just another thing that the operator doesn't have to worry about!

Popular throughout the world and available in many languages, Aberlink's revolutionary measurement software provides the user with a powerful, yet easy-to-use solution for inspection measurements. This not only increases component throughput but vastly reduces the learning period for new users.

Key Features:

- Automatic measurement routines
- Powerful interactive graphics window
- Automatic feature recognition
- 2D and 3D manual and CNC inspection
- Geometric feature inspection
- Free form curve inspection
- DXF data import/export
- STEP and IGES export for reverse engineering
- Feature construction
- Intelligent feature projection
- GD&T dimensions and tolerances

Programme Tools:

- Teach & repeat programming
- Drag and drop programme editor
- Run programs from any point
- Measure a subset of features
- Simple object-based programming
- No complex programming language
- Automated batch inspection
- Password protect programmes
- Automatic safety moves
- Feature replicator

Report Formats:

- Engineering drawing GD&T report
- Simple PASS/FAIL report
- Form plots
- Batch summary report
- Tabulated reports
- Graphical fly-out labels
- Drag & drop reporting
- Real-time SPC
- Combine multiple views
- Export to Excel
- Historical data reporting