

Axel CMM Software



Integrated Metrology Software For Effort Free Measurement

What are the key differences between Axel Foundation and Axel Lite CMM Software?

Axel Foundation and Axel Lite CMM Software use the same program architecture, technology, integrated user interface and create the same native .PAR file format. Both products offer collaboration functionality that enriches, expands and simplifies your measuring processes leading to cost and time savings. However, Axel Foundation provides the following key additional capabilities:

- 3D Solid Modelling
- Presentation Graphics
- Extensive Reporting
- CAD Import & Management
- Part Digitising
- Geometrical Tolerancing

Feature Comparison

Axel Standard Windows		
	Axel Lite	Axel Foundation
Measure Window	●	●
Feature List	●	●
Feature List Go Mode		●
Results Window	●	●
DRO Window	●	●
Configurable Tool Bars	●	●

Axel Standard Windows		
	Axel Lite	Axel Foundation
Standard Geometric Functions	●	●
Feature Constructions	●	●
Dimensional Tolerancing	●	●
Geometric Tolerancing		●
User Results Feature		●
Set Feature - Digitising		●
Surface Point Feature		+ Axel Surface Inspection
Surface Edge Feature		+ Axel Surface Inspection
Pipe Wizard		+Axel Pipe
Pipe Feature		+ Axel Pipe

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Feature Comparison

Alignment Features		
	Axel Lite	Axel Foundation
Element System	●	●
Multiple Coordinate Systems	●	●
Plane / Line / Origin	●	●
Multi-Point, Multi-Entity Alignment		+ Axel Surface Inspection
Hardware Datum	●	●

Graphics & Measure Window		
	Axel Lite	Axel Foundation
3D Solid Model, Wireframe & Edge Display		●
Zoom & Viewpoint	●	●
Multiple Layers	●	●
Graphical Results		●
Delete Feature	●	●
Feature Insert Mode	●	●
Selection Filter		●
Select Group Mode		●
Data Points Source Mode		●
Memory Table		●

CAD Operations / Import / Export Features		
	Axel Lite	Axel Foundation
Element System		●
Multiple Coordinate Systems		●
Plane / Line / Origin		●
Multi-Point, Multi-Entity Alignment		+ Axel Surface Inspection

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Feature Comparison

Graphics & Measure Window		
	Axel Lite	Axel Foundation
Standard Reporting	●	●
Results Boxes in <i>Measure Window</i>		●
Graphical Report Design Module		●
Configurable Text Report Header		●
Print <i>Part Window</i>		●
Export to MS Excel with User Defined Templates		●
Export to HTML With User Defined Templates		●
Digitising Data Transfer		●
SPC Data Export		●
Spreadsheet (DDE), / Serial / File Data Transfer		●
Pipe Bender Results Transfer		+ Axel Pipe
Save / Append to File (Text Format)	●	●

Recommended System Requirements

ITP Group can supply complete mast-mounted or cabinet enclosed PC hardware, or can retrofit your existing system to incorporate increased software capabilities. For Axel CMM software requiring a 3 axis counter card, ITP Group recommend the following minimum PC specification:

■ Intel Celeron 2.4Ghz or equivalent CPU	■ Windows XP Pro
■ 128MB NVidia GForce Graphics Card with Open GL support	■ SVGA 17" Monitor supporting 1024 x 768 x 32-Bit colour
■ 256MB RAM	■ Keyboard, mouse & loudspeaker(s)
■ 40 GB Hard Disk	■ 1 free PCI slot (after above)
■ 16x DVD-ROM Drive	■ 1 free USB port (after above)
■ On-Board Sound Card	

For further information on Axel CMM software, or for a full quotation please contact ITP Group on any of the details below.