

Compare Price Plans

Geomagic Control X offers three software plans to best fit your inspection needs.

	Essentials	Essentials Connect	Professional
I/O			
Import/Export Neutral CAD (IGES, STEP, etc.)	✓	✓	✓
Import/Export Neutral Scan (STL, PTS, etc.)	✓	✓	✓
Import/Export Native CAD & Scan data	✗	✗	✓
Import PMI CAD	✗	✗	✓
Import ASCII Geometry	✗	✗	✓
AUTOMATION			
Repeatable Inspection (Replace Measured Data)	✓	✓	✓
Scan Process	✗	✗	✓
Batch Process	✗	✗	✓
Automation Server	✓	✓	✓
Visual Scripting	✗	✗	✓
Python Scripting	✗	✗	✓
Replace Reference Data	✗	✗	✓
ALIGNMENTS			
Initial Align	✓	✓	✓
Best fit	✓	✓	✓
RPS	✓	✓	✓
Datum	✓	✓	✓
3-2-1 Alignment	✓	✓	✓
Coordinate Align	✓	✓	✓
Transform	✓	✓	✓
Adaptive	✗	✓	✓
Homing	✗	✓	✓

COMPARE	Essentials	Essentials Connect	Professional
3D Compare	✓	✓	✓
2D Compare	✓	✓	✓
Compare Points	✓	✓	✓
Geometry Deviation	✓	✓	✓
Boundary Deviation	✗	✗	✓
Virtual Edge Deviation	✗	✗	✓
Silhouette Deviation	✗	✗	✓
Curve Deviation	✗	✗	✓
Plots	✗	✗	✓
Airfoil	✗	✗	✓
2D Twist	✗	✗	✓
Deviation Location	✗	✗	✓
REFERENCE GEOMETRY			
Simulated CMM Point	✗	✓	✓
All Other Ref Geom. (Vector, Plane, Pt. etc.)	✓	✓	✓
SCANNER DIRECT CONTROL			
Scanner Plugins (Creaform, Shining 3D, etc.)	✗	✓	✓
LiveScan, LiveInspect, LiveGeometry, etc.	✗	✓	✓
Move Device, Probe Sequence, etc.	✗	✓	✓
CAD TOOLS			
Delete	✓	✓	✓
Reverse Normal	✓	✓	✓
Convert to Mesh	✓	✓	✓
Assign Tolerance	✓	✓	✓
Transform Body	✓	✓	✓
Healing, Find Defect	✓	✓	✓
Sew, Split	✗	✓	✓
Offset, Thicken, Mirror, Separate	✗	✓	✓
SCAN TOOLS (MESH/POINT)			
All (Merge, Fill Holes, Filter Noise, etc.)	✓	✓	✓
REGION TOOLS			
All	✓	✓	✓

GD&T	Essentials	Essentials Connect	Professional
All (2D & 3D)	✓	✓	✓
CURVE TOOLS			
Spline, Section, Intersection, Boundary	✓	✓	✓
Offset, Project, Mirror, Convert	✗	✗	✓
UV Curves, Fit Spline, Smooth, Trim, Extend	✗	✗	✓
Split, Match, Merge	✗	✗	✓
Insert & Remove Node, Remove Constraint	✗	✗	✓
Contour Curve from 3D Compare	✗	✗	✓
MULTI-RESULT INSPECTION			
Single-Result Inspection	✓	✓	✓
Multi-Result Inspection	✗	✗	✓
REPORT TOOLS			
All	✓	✓	✓