



Comparison of Tecplot 360 vs. Tecplot Focus



TecPlus Maintenance	Tecplot 360	Tecplot Focus
Chorus - Parametric dataset exploration	Yes	No
PyTecplot - Workflow automation with Python	Yes	No
SZL Server - Remote data access	Yes	No
Core Capabilities		
Advanced 3D Plotting	Yes	Yes
Advanced 2D Plotting	Yes	Yes
Advanced Line Plotting	Yes	Yes
Transient Data	Yes	Yes
Isosurfaces, Slices, and Streamtraces	Yes	Yes
Multiple Frames (with position and time linking)	Yes	Yes
Multi-Core Support	Yes	Yes
Macro Automation	Yes	Yes
Python Automation	Yes	No
Data Analysis		
Calculate New Variables	Yes	Yes
Preset Calculation of New Variables	Yes	No
Integration	Yes	No
Fourier Transform	Yes	Yes
Interpolation	Yes	Yes
Smoothing	Yes	Yes
FEA Analysis	Yes	No
Particle Path and Streakline Analysis	Yes	No
CFD Analysis (shock surfaces, vortex cores, etc.)	Yes	No
Probe to Create Time Series Plot	Yes	Yes
Data Extractions	Yes	Some
Dataset Limits		
Dataset size	Hardware Limited	5 Million Points
Finite-Element (FE) Data	Yes	Yes
Polyhedral Data	Yes	No
Ordered Data	Yes	Yes
Subzone Load-on-Demand	Yes	No
Write to CSV and Text Files	Yes	Yes

Contact Us About Tecplot 360 or Tecplot Focus

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Tecplot 360 vs. Tecplot Focus

Data Loaders



Data Formats	Tecplot 360	Tecplot Focus
Tecplot ASCII Format	Yes	Yes
Tecplot Binary Format (*.plt)	Yes	Yes
Tecplot Subzone Data (*.szplt)	Yes	No
Generic Loaders		
Excel Add-in (load within Excel Windows desktop app)	Yes	Yes
Excel Loader (Windows only)	Yes	Yes
Text and Spreadsheets (*.csv, *.txt)	Yes	Yes
HDF5 (*.h5)	Yes	Yes
CFD and FEA Formats		
Abaqus	Yes	No
Ansys CFX	Yes	No
Ansys Fluent (*.cas, *.dat)	Yes	No
Ansys Fluent, common fluid files (*.cas.h5, *.dat.h5) <i>New in Tecplot 360 2021 R1</i>	Yes	No
CGNS	Yes	No
CONVERGE	Yes	No
EnSight	Yes	No
EXODUS II <i>New in Tecplot 360 2020 R2</i>	Yes	No
FLOW-3D	Yes	No
FVCOM	Yes	No
KIVA	Yes	No
NASTRAN	Yes	No
OpenFOAM	Yes	No
Plot3D	Yes	No
TELEMAC	Yes	No
Trix	Yes	No
VTK (*.vtu)	Yes	No
CAD Formats		
DEM	Yes	No
DXF	Yes	Yes
PLY	Yes	Yes
STL	Yes	No

Notes

Tecplot 360 and Tecplot Focus will open any layout from earlier versions

Tecplot 360 can load any Tecplot Focus file

Tecplot Focus can load Tecplot 360 layouts and data files that do not utilize features specific to Tecplot 360