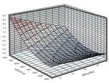


Visual-XSel 20.0

- **Versions and Functions**
- **Price list**
- **Maintenance**



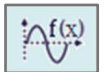
Table like in Excel (xlsx-compatible)



Special charts (3D-charts, Normal- and Weibull-distribution, etc.)



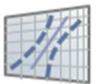
Statistics quickly and easily



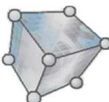
Function graphs



Macros & programs via active flowcharts



Weibull-analysis & Reliability methods



Design of Experiment



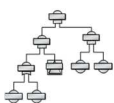
Powerful data analysis with expert knowledge



MSA & Process Capability



System-analysis with cause-effect diagrams



Fault-Tree-Analysis



Visual-XSel 20 Versions:

Standard (Home & privat)	Weibull / DoE / MSA	Analyzer
Entry-level version with statistics and Excel-extensions	Full statistics, Weibull-analyses, DoE and Process-Capability	Additionally up to 255 param. for data analysis and FTA

Basis functions (from version Standard)

Tables like in Excel

Quick access to the most important func.

Clear and simple Ribbon Bar

Graphics and output are displayed as they appear in the printout. Easy export, e.g., to Powerpoint

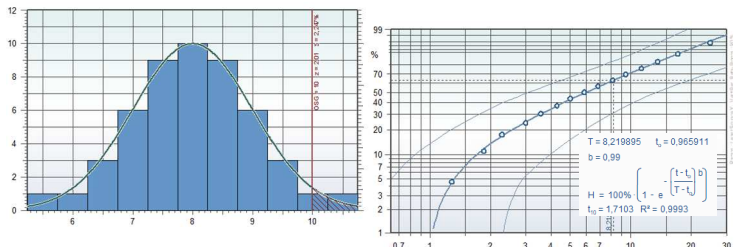
Multiple Regression
Response versus factors

$$\text{Accel} = (-0,838326) \frac{\text{DampRod} - 19}{11} + (-1,166858) \frac{\text{StiffnR} - 2750}{1750} + 0,60649 \frac{\text{StiffnR} - 2750}{1750} \frac{\text{DampRod} - 19}{11} + 1,054252 \left(\frac{\text{StiffnR} - 2750}{1750} \right)^2$$

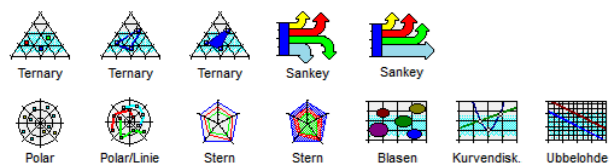
Stabi = 12500
TrackPole = 5750
PistonPole = 225000
DampTube = 210000

Easy switch to Excel with everything you are used to

In addition to a large number of common graphics, there are numerous statistical charts that are missing in Excel, especially the normal and Weibull distribution



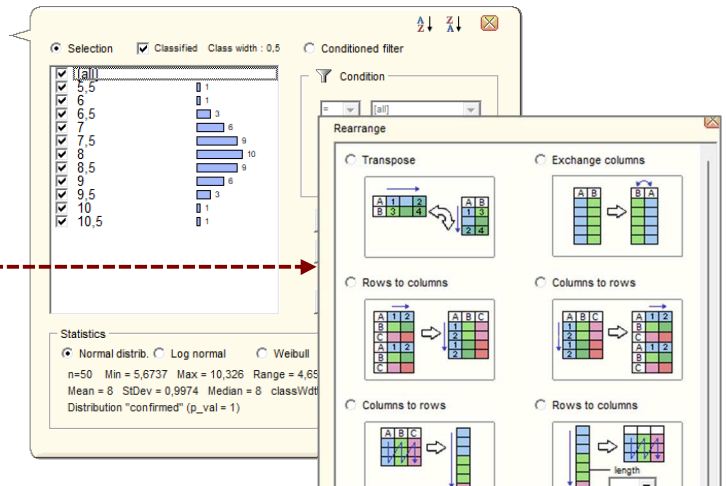
Furthermore, special diagrams are available





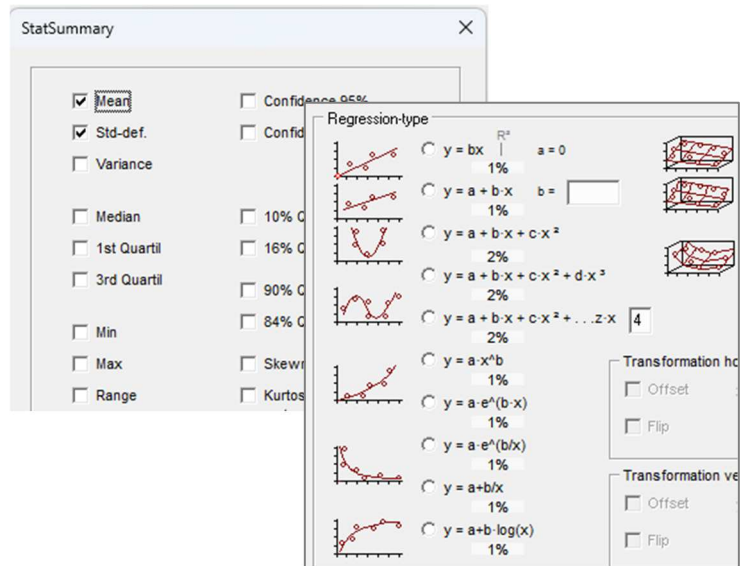
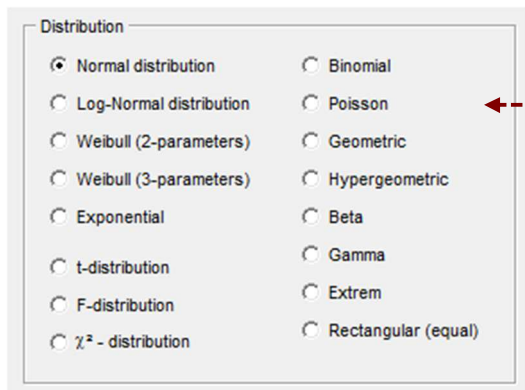
For example, clicking on a column quickly displays an overview of the data as a histogram with the characteristics of the normal, lognormal, or Weibull distribution. This also serves as the filter.

Rearrange data, especially before pasting from the clipboard, is very easy even without pivot.



Extensive statistics can be selected via the table columns.

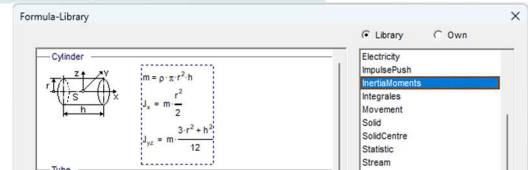
Distribution data can be generated:



Instead of defining cell functions for a data series, a graph can be created using only one function (including curve discussion) above the function graph.



A formula library, unit converters and physical constants help with this.



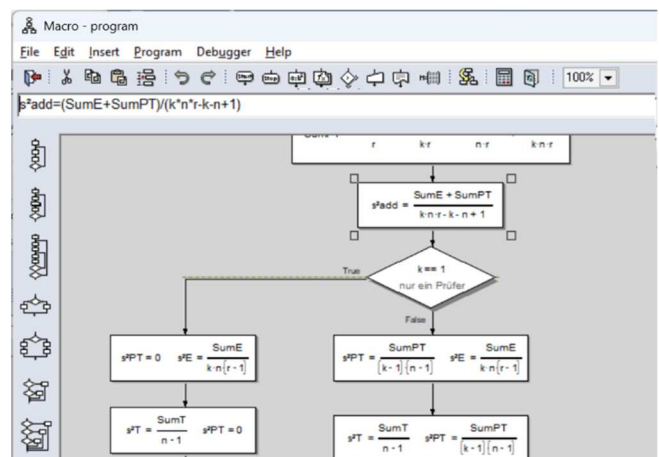
Macros are created in the form of active flowcharts.

This is a powerful calculation option for table data, program functions and animations.

You see the formulas as you would see them in books.

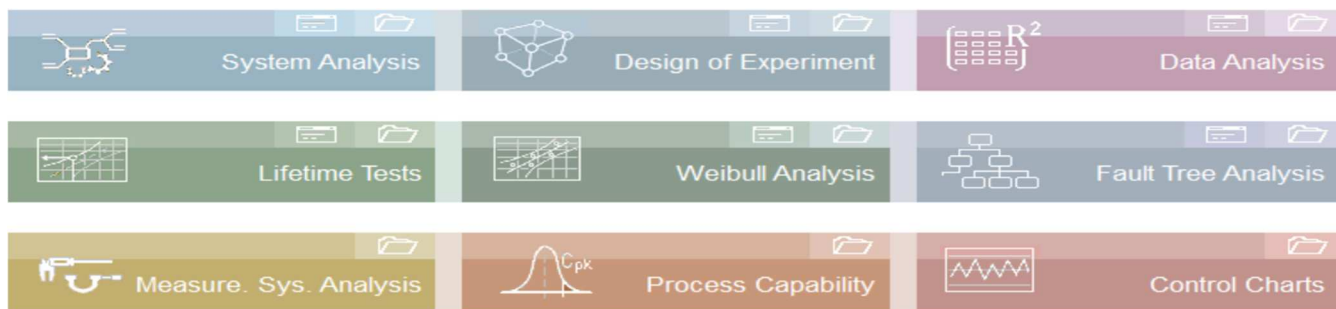
A debugger helps you create the algorithms.










No knowledge of a programming language is required.





Advanced functions and methods for Weibull/DoE/MSA and Analyzer



(Features not included in Standard version)	Weibull/DoE/MSA	Analyzer
Statistics		
Statistical methods Sample size., Hypothesis-tests, Cross-table, Cluster- and Principal Comp.	x	x
Six Sigma toolset (DMAIC + DFSS) QFD, FMEA, DRBFM, SWOT, SIPOC, VoC, Scorecard, TRIZ	x	x
Weibull & Reliability   		
Weibull-analyses templates Sudden-Death, prognoses, mixed distributions, comparison, fatigue & strength analyses ..	x	x
Weibull-Bootstrap analysis How do the parameters change if one point is left out?	x	x
Reliability-Block-Diagram for system reliability Integrated Reliability-Blockdiagr. for complex systems	x	x
Fault Tree Analyses FTA Calculation top-down / bottom up, import / export functions, FMEA export etc.		x
DoE & data analyses   		
System-analyses & Cause effect diagrams Structure-diagrams with pareto and transfer to DoE	x	x
Statistical experiments / D-Optimal D-Optimal with constrains and inclusions, DSD, Neu: DSD interactions, etc.	x	x
Partial Least Square for high correlating data	x	x
Multivariate methods Principal component analysis / cluster analyses	x	x
DoE creating plans via cause effect diagrams (pareto-method) or via Intensity-Relation-Diagram and import from tables	x	x
Stepwise multiple regression with integrated expert analyses Correlation analyses with grouping, discrete parameters	max. 60 parameters	max. 250 parameters from 1000
Fully automatic data analyses (ext. software can use regression models) With expert knowledge and background evaluation		x
Measurement-System-Analysis & Process capability   		
MSA with ANOVA + discrete attributes Type 1,2,3, non-normal + mixed distributions	x	x
MSA after VDA 5 VDA 5 or methods after ISO 22514-7, or MSA 4 edition	x	x
Machine- and Process capability & Control charts Folded normal type 1. & 2. log-normal, Weibull and mixed distributions	x	x
AQDEF data import Templates can read data with AQDEF-format for example from machines	x	x



Purchasing perpetual license incl. support for one year	Visual-XSel 20.0 Standard	Visual-XSel 20.0 Weibull/DoE/MSA	Visual-XSel 20.0 Analyzer
Order code	VX20STK	VX20WDP	VX20ARP
Single User License perpetual ①	€ 119	€ 1798	€ 2498
Multiple licenses for 2 users (price of each user)	↓	€ 1598	€ 2248
Multiple licenses for 3 users (price of each user)		€ 1450	€ 2098
Multiple licenses for ≥ 5 users or more (price of each user)		€ 1250	€ 1848
Network license 2 users at the same time ②		€ 4798	€ 7494
Network license 3 users at the same time ②		€ 6525	€ 9440
Network license 5 users at the same time ②		€ 9375	€ 13860

Subscription / Floating license annual incl. support & maintenance	Visual-XSel 20.0 Weibull/DoE/MSA	Visual-XSel 20.0 Analyzer
Order code	VX20WDS	VX20ARS
Single User License ①	€ 798^③	€ 998^③
Network license 2 users at the same time ②	€ 2298 ^③	€ 2798 ^③
Network license 3 users at the same time ②	€ 2998 ^③	€ 3798 ^③
Network license 5 users at the same time ②	€ 4398 ^③	€ 5498 ^③

① Use in the network or remotely not permitted

② Number of users with simultaneous use. Worldwide use within a company is possible, provided that joint access to a server is possible. Subsidiaries with different data accesses are viewed as a separate number of users

③ To be paid annually in advance, continues automatically unless cancelled 3 months before the end of the license year.

The software and all documentation are available exclusively via download

Updates from existing versions

Existing license	Update to VX20WDP
Visual-XSel 13.0	€ 1198
Visual-XSel 14.0	€ 998
Visual-XSel 15.0	€ 798
Visual-XSel 16.0	€ 598
Visual-XSel 17.0	€ 398

Further updates on request.
Updates do not include a
maintenance contract








Instant purchase and activation

You can get all purchased versions immediately. Follow these steps:

Install Visual XSel 20.0.

You will receive the download link upon request via info@crgraph.de

 Standard version Overview  All table functions, simple graphics, formula library No Weibull analyses, DoE, Multiple Regr. or templates possible, etc.	Buy	Free code request 	Free code activate 
 Weibull & DoE (with costs) Overview  Life time and further analyses, cause-effect, DoE, etc. Regression models with up to 60 parameters	Request Offer		
 Analyzer (full version with costs) Overview  All functions with Weibull and DoE Auto-regression and models with up to 255 parameters + FTA	Request Offer		
Continue as a trial version (no save function)	Request student	Request university	

① Buy the desired version or get a quote

② Request for Free code




③ Activate Free code

The activation can also be entered via the menu item **Help/ Registration/ New Registration**






Support & Maintenance

Basic support and updates for all license models

-  Help & support for installation or software activation incl. changing computers or users.
-  Hotline via phone Monday – Friday 08:00 a.m. – 4:30 p.m. (Central European Time)
Tel.+49 (0)8151-9193638
-  You will receive all intermediate updates with the minor version number **20.0xxx**

Maintenance for subscription license or maintenance contract

-  You can use all updates inside a main version number **2x.xxxx**
-  You get support for questions about problems with the program, functions and displays, etc. Not included are customer-specific change requests, especially for evaluation templates.
-  Maintenance is included for the entire license period.
In the case of a software purchase, maintenance can be ordered as a subscription for an additional 18% of the purchase price. Cancellation is possible with three months' notice.