

Product information:

# TSAP-Win™

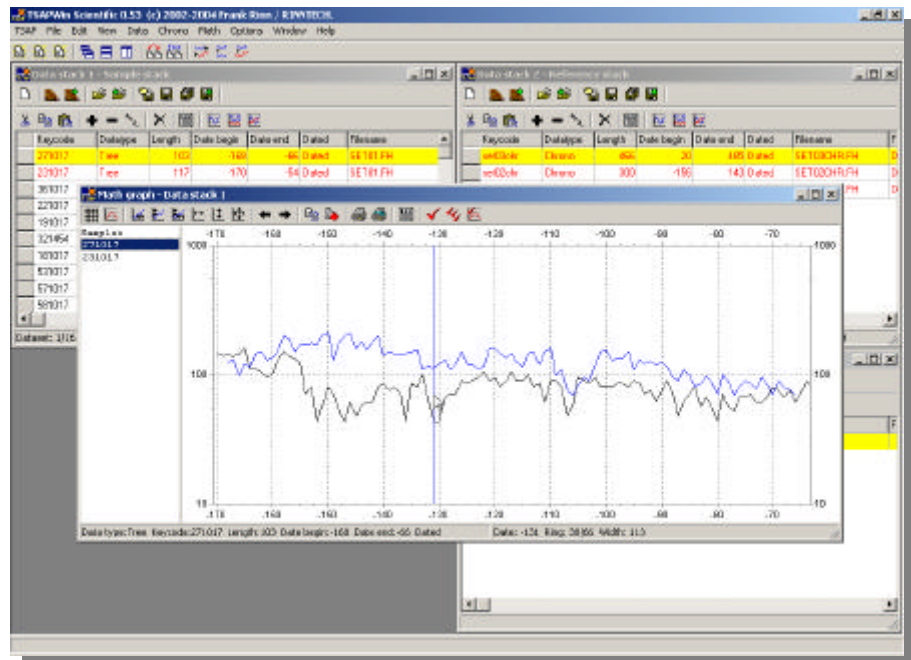
Software for tree-ring measurement, analysis and presentation

## Applications:

- Dendrochronology
- Dendroecology
- Dendroclimatology
- Archaeology
- Geography
- Geomorphology
- Forest science

## Advantages:

- Modular design
- Supports LINTAB, VELMEX, ANIOL and other measurement stages
- Uses HEIDELBERG, TUCSON, CATRAS and other data formats
- Import of LIGNOVISION scanning data possible



## Discovering the life story of trees

TSAP-Win Scientific follows the philosophy to cover the basic fields of dendrochronological analysis on one platform:

- Measurement - using LINTAB or other devices
- Editing - on-screen in the graph
- Cross-dating - on-screen, supported by statistical parameters
- Chronology building - from cross-dated samples or by adding samples to an existing chronology
- Graphs - lines, bars, beams, peaks
- Mathematical operations Easy operations, indexation, trend/regression, correlations, statistics table
- Exchange with foreign data formats Catras, Hemmenhofen, Birmensdorf, INRA, Belfast, V-Format and others
- Connection of foreign measurement tables Velmex, Aniol and other devices
- Database - comfortable sort and search of data), available soon

TSAP-Win manages time series on data stacks. Thus, samples can be kept apart from references and output data, such as index series.

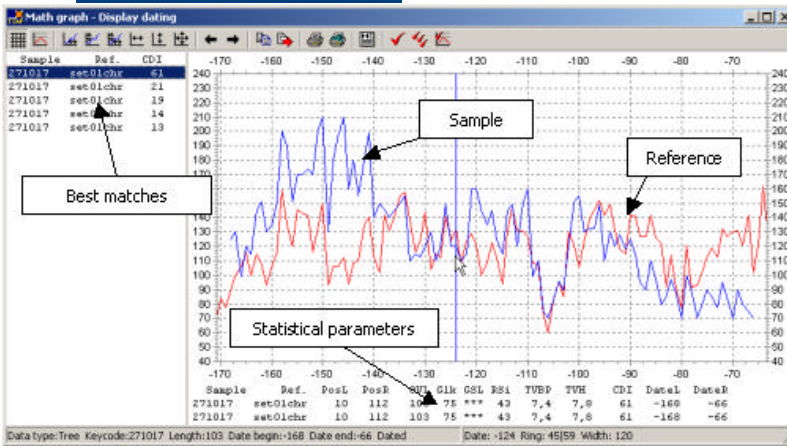
## TSAP-Win versions:

- Pro (Measurement, editing, cross-dating + chronology building)
- Additional modules: Math library, graph library, database, data format filters, database (in preparation)
- Scientific (includes all modules)

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Special features of TSAP-Win (examples)

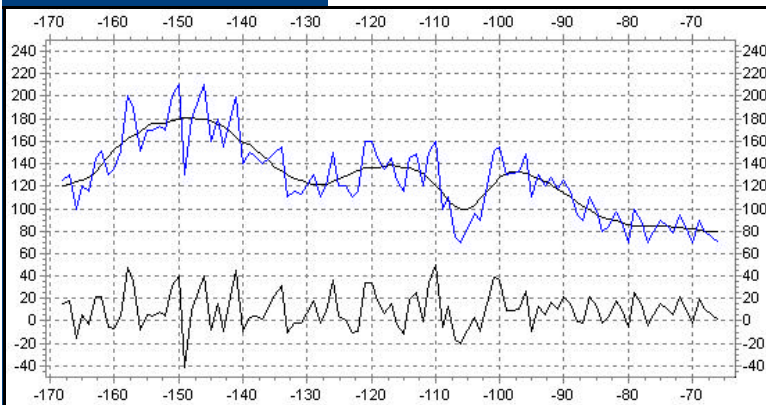
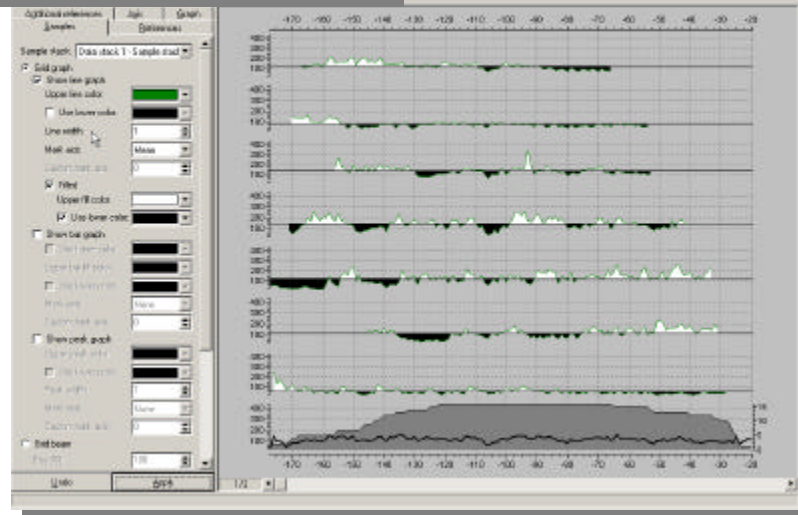


## Math Graph

- On-screen cross-dating, supported by statistical parameters, such as t-values, Gleichförmigkeit and cross-date index (CDI).
- Best matches will be listed and displayed in the graph
- Series can be edited right away.
- Real-time calculation of correlation statistics

## Graph Library

- Line, bar, core beam and peak graphs.
- Reference and replication can be added.
- Series can be sorted by date, length and key code
- Pointer years can be emphasised.
- Other editing functions



## Math Library

- Indexation
- Trend/regression
- Cross-date check (like COFECHA, but graphically supported)
- Transformation
- Average/mean
- Statistics table
- Other functions

Download a trial version from: [www.rinntech.com/Products](http://www.rinntech.com/Products) or contact us directly:

RINNTECH  
Bierhelder Weg 20  
D-69126 Heidelberg  
Germany

phone: +49-(0)6221-314 387  
fax: +49-(0)6221-314 388  
email: [info@rinntech.com](mailto:info@rinntech.com)  
web: [www.rinntech.com](http://www.rinntech.com)

