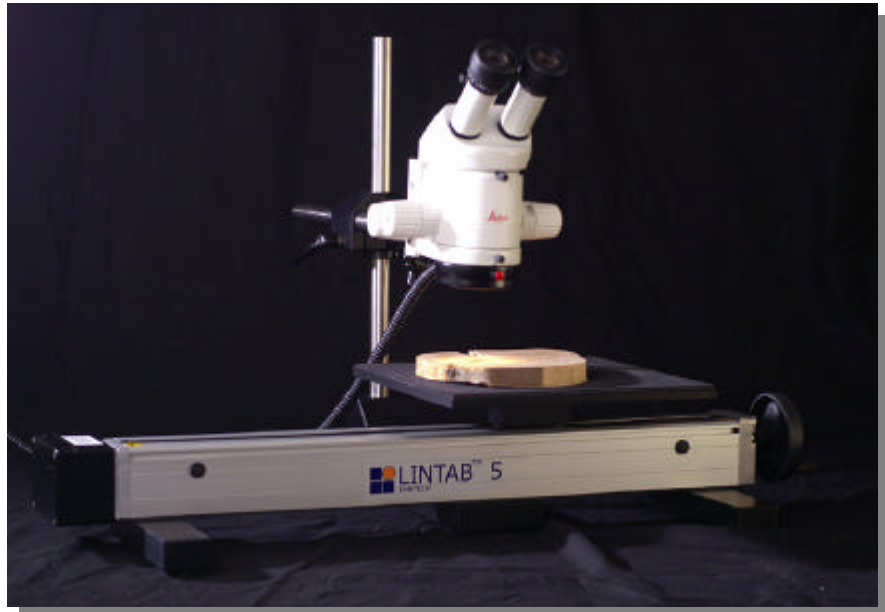


LINTAB 5

Tree-ring measurement station



Applications:

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

Features:

- Spindle driven
- Protected against splash water and dust
- Measurement length 560 mm to 960 mm
- Sample plate 30 x 30 cm
- Resolution from 1/100 mm to 1/1,000 mm.
- Sample movement 2.5, 5 or 10 mm per round
- Hand crank diameter 80, 100 or 125 mm
- USB or serial connection to PC (Microsoft Windows)
- High quality Leica stereo microscope with zoom lens (up to 40x magnification)
- Optional extension: Photo or video adaptor.

LINTAB is a robust and precise measurement table for assessment of tree-ring series from increment cores, stem disks and other wooden samples. Together with a high quality Leica stereo microscope and TSAP-Win software it forms a powerful team for tree-ring analysis.

Advantages

Precise

- Resolution from 1/100 mm (standard) to 1/1,000 mm (optional).
- Measurement left to right or right to left as well as from pith to bark or vice versa (adjustable).

Trouble insensitive

- Water and dust-proved design: wet or decayed samples can be measured without any problems.
- No external electronic regulations necessary.

Ergonomic

- Hand crank at the right or (optional) heading to the front.
- High precision linear encoder: measurement without backlash.

Compatible

- Connection to PC via standard serial or USB-cable.
- Data assessment by TSAP-Win software.
- Software compatible with Windows 98/NT/2000/XP

Portable

- USB-connection: no external power supply necessary.
- LINTAB can also be used in the field connected to a notebook computer.

LINTAB 5

Tree-ring measurement station

System Parts

- LINTAB is built from an industrial linear feeding device, designed to move up to 50 kg of weight.
- The measurement length can be adapted to customers demands (up to 960 mm).
- The optional 50x50 cm sample plate can also carry large samples.
- The hand crank is attached at the right side or is heading to the front (mitre gear).
- The measurement signals can be given by a cable mouse, a foot switch (optional) or by the PC mouse.
- A stereo microscope is directly attached to the table by a solid stand. Cold light sources or LEDs are used for optimal illumination.
- Measurement data are transferred to a PC by serial or USB-port and are recorded by the software TSAP-Win.



Firmly attached for precise measurements: Leica stereo microscope.



Optional: mitre gear wheel for more working comfort

Controlling software: TSAP-Win (see separate brochure)

Versions:

- Pro (Basic + 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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