



TEMPLO® – Jump Analysis

Innovative software for performance diagnostics!

Module

TEMPLO® jump analysis is based on the successful TEMPLO® motion analysis concept, which is unique in user-friendliness and highly target oriented. It is tailored for an immediate feedback for athletes performing jumps and jump series on a force-plate (requires module A/D Data acquisition).

Technical requirements:

- 1 or 2 force plate(s) with or without A/D board (according to the type of plate)
- Quattro Jump plate by Kistler
- pressure plate by zebris
- Notebook or PC



Fields of application:

TEMPLO® jump analysis is designed for **sport scientists and trainers**, working with athletes and aiming to improve their performance of jump coordination in their specific sport.

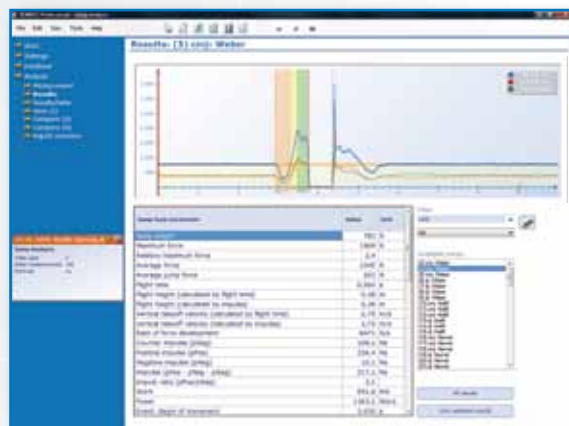
The software is suitable for:

- performance diagnostics
- coordination check
- fatigue training
- real-time feedback training system
- portable use
- combination with TEMPLO® video analysis



Function range:

- type of jumps: - Countermovement Jump
- Squat Jump
- Drop Jump
- visualisation of the jump parameters for left/right leg
→ **resulting force for both legs**
- automatic graphic visualisation of the jump phases with scheduler parameter list
- variable number of jumps
- alternate data acquisition of several athletes
- definition of the jump series can be stored
- visualisation of jump parameters can be individually configured
- data filtering according to type of jump
- athlete storage and export of the parameters for further statistical evaluation
- organisation of all trials in one database



Run	Force	Time	Height	Velocity	Acceleration	...
1	2000	0.5	0.5	1.0	2.0	...
2	2200	0.6	0.6	1.2	2.4	...
3	2100	0.55	0.55	1.1	2.2	...
4	2300	0.65	0.65	1.3	2.6	...
5	2400	0.7	0.7	1.4	2.8	...