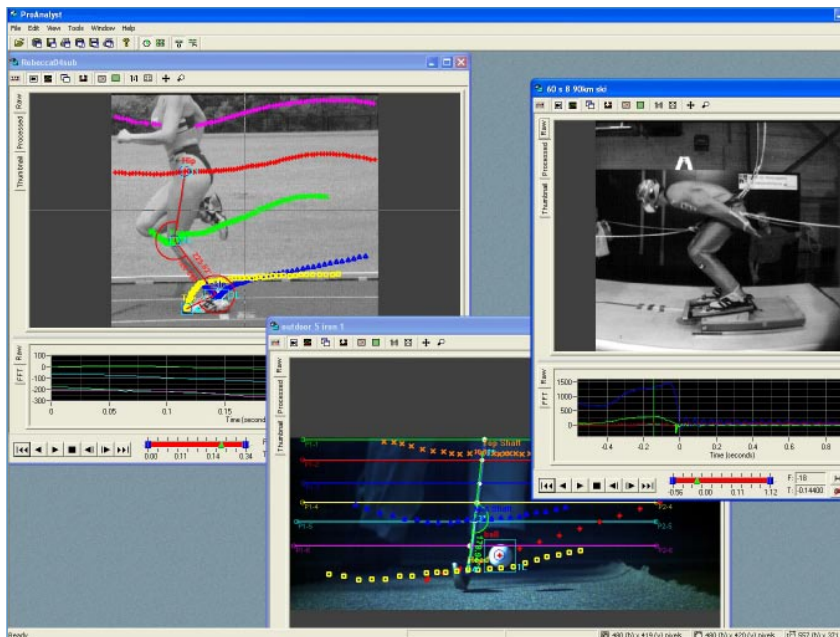


ProAnalyst

Advanced Software for analyzing and reporting motion from video

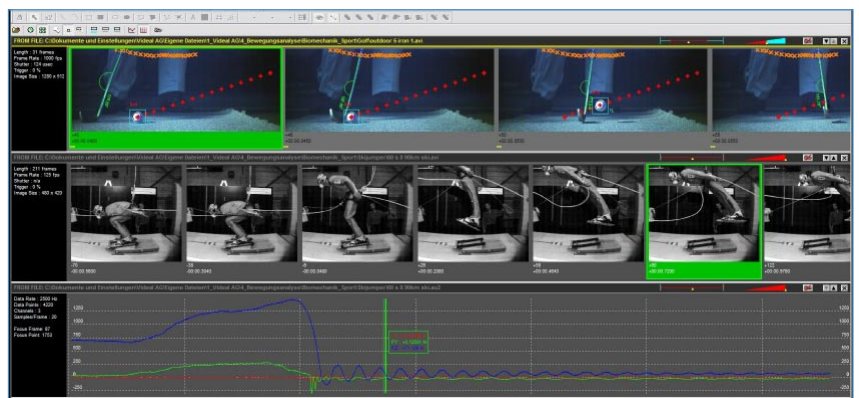


Snapshot

- Automatic 1D, 2D or 3D* object tracking (*optional)
- Video processing and filtering
- Enhanced data analysis (Timeline / Graphing FFT, etc.)
- Work note and video drawing functions
- File and project manager
- Report generator (HTML, Power-Point, Print)
- Free player software available

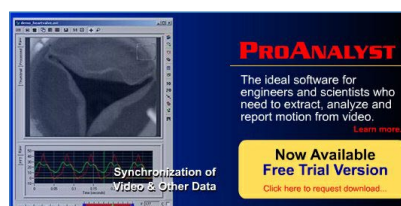
Applications

- Biomechanics / Sports
- Research / Technical Education
- Machinery / Plant Construction
- Manufacturing / Packaging
- Product Development / Testing



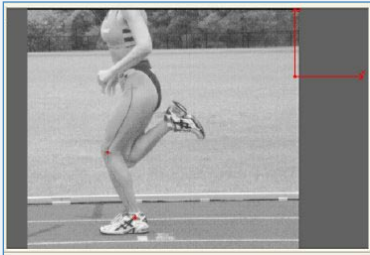
To download a free trial version, please visit www.xcitex.com

Our Partner



ProAnalyst – Specifications

Fundamental Steps of Motion Analysis



Scene Calibration

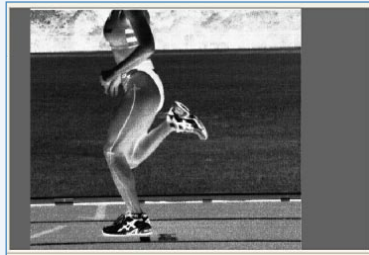
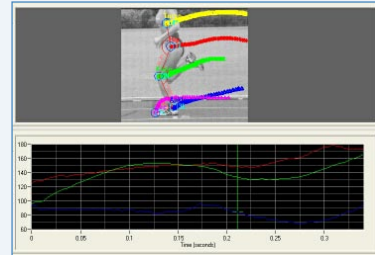


Image Processing / Filtering



Object Tracking / Data Analysis

Motion Analysis Tools

- 1D Featureless Tracking
- 2D Feature Tracking
- 3D Spatial Analysis
- Particle Flow Counting and Sizing, Image Stabilization, Contour/Edge Analysis, Cell Tracking (optional toolkits)

Report Generator

- Automatically generates reports based on video, date, analysis and notes
- Outputs results to HTML, PowerPoint or Print formats
- Creates reports in Word, Excel or other common processing applications

Free Viewer

Application for viewing ProAnalyst projects and analysis
 Free download from www.xcitex.com
 Limited functionality - just for viewing

ProAnalyst - Editions

Standard version is a collection of tools for general purpose 1D, 2D and 3D motion analysis

- Professional Edition with optional toolkits
- 3D Professional Edition
- Lite Edition

ProAnalyst - Licence Types

- Single-seat Workstation Licensing
- Multiple-seat Network Licensing for multiple users

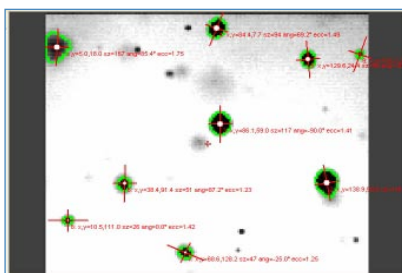
Free Trial Version



@ www.xcitex.com

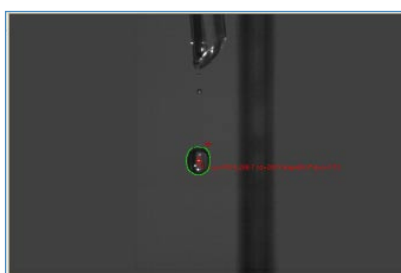
Note: Specs are subject to change at any time. February 09

Particle Flow, Counting and Sizing



- Designed for airflow, particulate and other analysing small particles
- Ideal for PIV applications
- Inhalers, fuel injectors, etc.

Contour / Edge Analysis (Blobs)



- Analyze changes in shape, size and position on a scale
- Airbags, water drops, amorphous shapes

Image Stabilization



- Remove unwanted shake or vibration in a video image
- Can be combined with any analysis toolkit



ProAnalyst

Advanced Software for analyzing and reporting motion from video

Features	3D Professional	Professional	Lite	TrackOne
File Management				
AVI, AVI 2.0, MPG, MOV, CIN movie file compatibility	x	x	x	x
BMP, JPG, TIFF image sequence compatibility	x	x	x	x
Project-based file management	x	x	x	x
Video Explorer	x	x	x	
Workspace View file browser	x	x	x	
Pack/Unpack Projects	x	x	x	
Image Calibration and Processing				
3D Manager	x			
Image processing	x	x	x	x
Image filtering	x	x		
Video Timeline	x	x	x	x
Layered display and editing	x	x	x	x
2D scene calibration	x	x	x	x
Perspective and multi-plane scene calibration	x	x	x	
3D scene calibration	x			
Lens distortion correction	x	x		
Video Analysis				
1D feature tracking	x	x		
2D feature tracking	x	x	x	x
3D feature tracking with epipolar line projection	x			
Number of Auto-Track Features	unlimited	unlimited	32	1
Number of Manual Track Points	unlimited	unlimited	32	32
Measurements of feature position and velocity	x	x	x	x
Real-time annotations of distance and angle between features	x	x	x	
Optional toolkits	available	available		
Graphing and Computation				
Graphing within ProAnalyst	x	x	x	
One-click FFT	x	x		
2-axis graphing	x	x		
3-axis graphing to compare three features	x	x		
3D graphing and modeling in x, y, z space	x			
Data Filtering	x	x		
Notes and Reports				
External data import	x	x	x	
Tracking data export to DIAdem, Excel, MATLAB	x	x	x	x
Video frame, data point and global notes	x	x	x	
Image annotation	x	x	x	
HTML, PowerPoint and print-ready report generator	x	x		

Our Partner



ProAnalyst is available in four editions: 3D Professional, Professional, Lite and TrackOne.
 All four editions use the same advanced algorithms and technology.