

Features

- Immediate viewing of acquired data on screen
- Interactive, on-screen tools
- Automatic tracking
- Automatic gait report
- Automatic velocity and acceleration calculations
- Inter and Intra-frame measurements
- The quickest to learn system available
- Graphical representation of data
- Integral database
- Multiple options of export/import of data
- No VCR or TV needed

Benefits

- Fast and easy evaluation of data
- Scientifically reliable data
- Easy laptop installation
- Good value for money
- Provides DV video records
- Can import video from other sources
- Great educational tool
- Brings objective methods to the clinical setting
- Makes research more efficient

Applications

- Movement Analysis Research
- Sports Science
- Rehabilitation
- Physical Therapy
- Ergonomics
- Psychomotor Research
- Teaching basic concepts in biomechanics



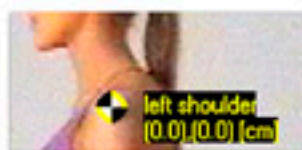
Time	X (cm)	Y (cm)	Vx (cm/s)	Vy (cm/s)	Ax (cm/s ²)	Ay (cm/s ²)
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	1.20	0.50	12.00	5.00	0.00	0.00
0.20	2.40	1.00	24.00	10.00	0.00	0.00
0.30	3.60	1.50	36.00	15.00	0.00	0.00
0.40	4.80	2.00	48.00	20.00	0.00	0.00
0.50	6.00	2.50	60.00	25.00	0.00	0.00
0.60	7.20	3.00	72.00	30.00	0.00	0.00
0.70	8.40	3.50	84.00	35.00	0.00	0.00
0.80	9.60	4.00	96.00	40.00	0.00	0.00
0.90	10.80	4.50	108.00	45.00	0.00	0.00
1.00	12.00	5.00	120.00	50.00	0.00	0.00

Specifications

- **Number of video inputs:**
1 (FireWire) PAL or NTSC
- **Tracking:**
Manual and automatic
- **Visual tools:**
Marker, ruler, goniometer, timer
- **Measurable quantities:**
Positions (x,y), lengths, angles and time span(ms)
- **Analyzing capabilities:**
Frames, X and Y coordinates, lengths, angles, time and the derived velocity and acceleration data.
- **Import/Export:**
Measurements can be exported via ASCII format. Video files can be imported and retrieved for other program applications.
- **Use of clipboard:**
Tools, images and graphs can be copied to the clipboard and pasted into other applications.
- **Modes/Windows:**
Recording, preview, measuring, graph windows. Single or multi frame jump.
- **Organization:**
Database with group, patient, research and measurement in hierarchical order.
- **Calibration:**
Origo can be put anywhere onscreen. Scale can be calibrated to a known length in image.



Measurement Tools



K I N E

Pioneer in Biomedical Engineering

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