



[Illustration non-binding]

h/p/cosmos para motion PC software for motion analysis

h/p/cosmos para motion 2.0

Software for the video-based gait and motion analysis in 3 versions with integrated treadmill control, extensive analysis tools and individual report functions.

Basic functions

- Digital, software-based video recordings with
- Treadmill control for all h/p/cosmos treadmills parallel to recording with feedback and protocolling of all load data (speed, elevation, time, heart rate, distance) and allocation to the recordings
- Creation of individual analysis patterns for different applications
- Intelligent video management system in flexible data base - the video clips are saved in the data base in accordance with the chosen analysis pattern, separate saving of data can be omitted
- Medical history tool with information database: accumulation with the most common gait and motion specific disorders with transfer possibility to the individual report
- Integrated player for the analysis of several video clips
- Video overlay of up to 8 videos
- Full screen mode
- Various 2D analysis tools such as gridlock and grid
- Flexible 2D painting tools such as rectangles, tracking lines, arrows or text fields
- Tools and measurement tools for the fast detection of angles and distances
- Definition of gait specific situations (e.g. first peak, standing phase) for faster synchronisation and easier analysis
- Report function for creation of individual reports

h/p/cosmos para motion "basic" [cos15508]

- ... for 1 camera

h/p/cosmos para motion "standard" [cos15509]

- ... for up to 2 cameras

in addition to the basic functions ...

- Data export to Microsoft Excel or to other applications possible
- Data to be saved as well on CD-ROM

h/p/cosmos para motion "professional" [cos15510]

- ... for up to 4 cameras

in addition to the basic functions and the "standard" version ...

- Stroboscope-tool for illustration of complete motion in 1 picture
- Pedography: possibility of presentation of measurement values of established pressure-measuring systems synchronous to the video recordings

Option "motionQuest" [cos14069]

Additional modul "motionQuest" for the versions h/p/cosmos para motion „standard“ and „professional“

- Integrated foot report for individual running shoe recommendation
- Discription of several strength- and stretching recommendations for an individual training plan

Content of delivery

CD-ROM incl. demo-versions of h/p/cosmos para graphics and h/p/cosmos para analysis as well as the freeware h/p/cosmos para control, lizence dongle, manual on CD (Adobe Acrobat pdf-file)

NOT included:

PC / Notebook, camera and other hardware. For the connection of the PC and the camera you will need a FireWire-Cable-Set incl. adapter (cos15615). For the connection of the PC and the h/p/cosmos treadmill you will need an RS 232 interface cable (cos0097010035) and maybe a USB-RS 232 adapter (cos12769).

System requirements

PC or Notebook with Pentium IV, min. 2 GHz or higher, Windows XP (with ServicePack2 and DirectX 9.0c), Screen solution 1024 x 768 Pixel or higher, min. 40 GByte free hard drive space, min. 512 MB RAM, CD-writer, min. 8-fold (DVD-writer recommended), free USB-Port for lizence dongle, free FireWire interface corresponding with the amount of cameras to be connected, free RS 232 interface for treadmill control or free USB-Port with RS232 adapter

Digital DV-camera (Camcorder) with 25 pictures/s (PAL) or 30 pictures/s (NTSC), IEEE-1394 interface (FireWire, iLink), manual shutter adjustment 1/250 s and 1/500 s or shorter, manual focus (deactivation of auto-focus possible)

Authorised h/p/cosmos dealer