

# Hardware

## **☒ 3D calibration system**

Aluminium poles, connected by screws  
Highly visible calibration points (golf ball design)  
Various sizes, e.g. 1500x1500x1500 mm, 1500x1500x2500 mm

## **☒ Calibration board, frontal**

Plastic foil, optionally laminated  
Optionally mounted on plexiglass board  
Simple camera adjustment (perpendicular to movement plane)  
Suitable as background for front side of a treadmill

## **☒ Calibration board, sagittal**

Plastic foil, optionally laminated  
Optionally mounted on plexiglass board  
Simple camera adjustment (perpendicular to movement plane)  
Suitable as background for lateral side of a treadmill

## **☒ A/D converter**

DataTranslation (DT-3000 series for PCI)  
DataTranslation (DT-9800 series for USB)  
National-Instruments (E-Series) for PCI, PCMCIA, ISA, USB, IEEE-1394/Firewire  
16, 32 or 64 channels, depending on model and manufacturer

## **☒ Input box (connection box)**

Connected to A/D converter  
User specific connections for force platforms, EMG etc.  
Trigger output (BNC)

## **☒ Synchronization box**

Used to tag simultaneous video frames in several cameras  
Intense LEDs at each side  
Trigger input (BNC), connected with input box  
Remote control, used without A/D converter and input box

## **☒ IEEE-1394 (Firewire) board**

Adapter card to connect one DV camera or other DV devices  
PCI or PCMCIA version

## **☒ IEEE-1394 (Firewire) cable**

Various lengths: 4,5m, 7m, 10m, 20m, 50m

## **☒ IEEE-1394 (Firewire) repeater**

Used to connect multiple IEEE-1394 cables

## **☒ DV camcorder**

Various camera models (SONY, Canon, JVC etc.)  
Manual shutter

## ***☒ Camera tripods***

Including pan and tilt head  
Professional, stable model  
Various sizes

## ***☒ SIMI°MotionStation DV***

Up-to-date PC configuration with Windows 2000 or XP  
Large hard disk  
CD-RW writer, DVD drive  
IEEE-1394 connection for DV cameras  
Option DV-2: capturing of two cameras  
Option DV-4: capturing of four cameras  
Option DV-6: capturing of six cameras

## ***☒ High speed camera systems***

Support for various manufacturers (Redlake, NAC, Kodak etc.)  
Monochrome or color  
250, 1000 or more frames per second

## ***☒ Marker sets***

Various marker sizes  
Various marker colors

## ***☒ Report folders***

Professional designed, informative folders, used to hold printouts  
Ideal to hand over analysis results to customers/patients