

## Functionality of AxioVision LE

**AxioVision LE** is our free demo software. Its layout and functions are based on the powerful microscopy software AxioVision 4 but unlike AxioVision 4 it only provides the basic functionality. The AxioVision LE software installation is identical to AxioVision 4 but does not need a dongle.



## **Functionality of AxioVision LE (4.x)**

### **Image display**

- Opening and display of images with different file formats
- Display of multi-dimensional, Z Series and images Time series created with AxioVision .ZVI (full version)
- Navigator window
- Histogram
- Gallery
- Image browser
- Management, visualization and printing of metadata and images
- Image print

### **Storage**

- Storage of images in different formats
- Batch conversion of images to different image formats
- Export of ZVI-images to different image formats
- Image formats ZVI, BMP, GIF, JPG, JPG2000, TIFF
- Video AVI, MOV (Quicktime) - export functionality only
- Batch conversion and export of image types
- Implicit file naming on image capture (automatic saving)

### **Image Acquisition**

- Image acquisition with cameras offering a TWAIN driver
- AxioVision Module Cannon LE available as plug-in
- Image acquisition with AXIOCAM cameras
- 2D monochrome or RGB (no multi-dimensional acquisition)

### **Manipulation of two- and multi-dimensional images**

- Adjustment of display curve
- Brightness/Contrast
- Colour Balance
- Hue/Lightness/Saturation
- Resample

### **Insertion of annotations and scale bar**

- Scale bar selectable for saved scaling(s) and saved with image (choice yes/no)
- $\mu$  bar scales
- Annotations can be saved with image (choice yes/no)

### **Interactive measurement functions**

- Markers
- Length
- Contour
- Angle

### **Limitations from Full version of AxioVision**

- No additional (AxioVision) modules possible
- No multi-channel acquisition
- No motorised microscope control
- No reading of encoders
- No external peripheral device control (Ludl)
- No image archive/database
- No custom toolbars
- No workflow only work area available