

## High resolution RGB Imaging System based on VisiView Imaging Software

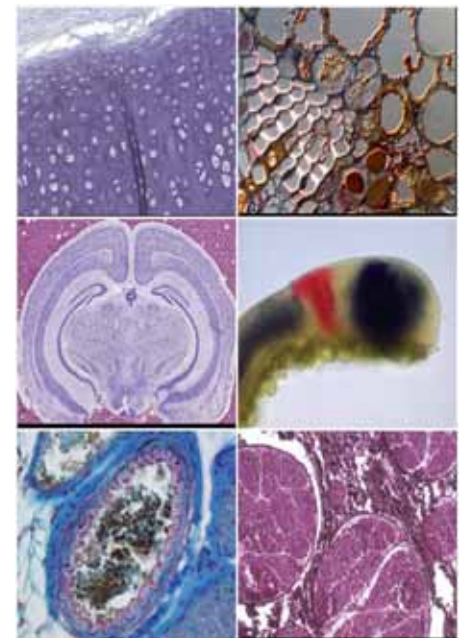
Histology and Histopathology focus on the microscopic investigation of stained tissue sections. It is performed by examining the tissue sample under a light microscope. Our VisiView HistoScope Imaging System enables the user to visualize and identify the microscopic structures of interest and to save the images independently.

# HistoScope

## RGB- Imaging System



Zeiss Axio-Imager with SPOT RT-3 RGB and Insight RGB.

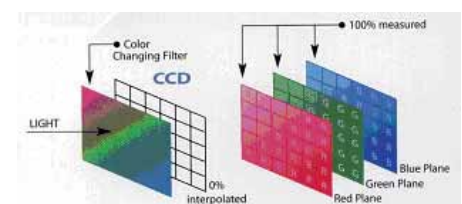
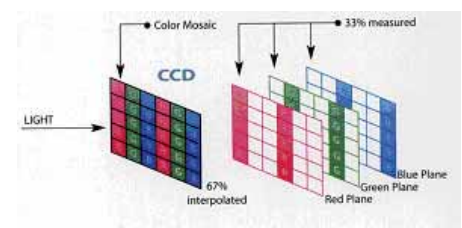


### True Color and Resolution

To get the best resolution and true colour information for the correct analysis and diagnosis, we offer state of the art color CCD cameras with three different technologies. Color mosaic CCD, pixel shifting CCD technique and liquid crystal three shot sequential RGB channel acquisition. The easy to use VisiView imaging software, developed by VisiView Systems GmbH controls the camera acquisition, color correction, overlay and analysis of the images. In addition, motorized microscopes are also supported e.g. for screening of cells or tissue.

### Some Selection Criteria

- » Resolution, pixel size
- » Field of view, number of pixels
- » Physical dynamic 8, 12, 14 or 16 bit / pixel size
- » Mosaic, 3-Chip or 3-shot technology
- » RGB dynamic 8, 24, 36 bit
- » Readout speed, frame rate
- » Cooling of CCD, dark charge reduction



How to get color:  
Mosaic CCD Sensor;  
3-Chip CCD Sensor;  
3-Shot method with RGB-LC filter