

### **Image Analysis system with monochrome CCD Camera**

- Scientific monochrome CCD Camera with peltier cooling
- Number of Pixels: 2752 (H) x 2208 (V) = 6 Mega Pixels / Pixel size: 4.54  $\mu\text{m}$  x 4.54  $\mu\text{m}$
- Chip size: 12 mm x 10 mm, equivalent to 1" (16 mm diagonal)
- Spectral range: with protection glass app. 400 nm to 1000 nm
- Max. Full Well Capacity: Approx. 15,000 e
- Frame rate 20 fps @ full resolution
  
- Image acquisition software with interactive measurement of intensity profiles, length, area, circle, angle, perimeter and counting of events
- Software for acquiring multichannel fluorescence images with automatic channel specific display optimization and pixel shift correction immediately after acquisition and software for Z-stack and time lapse imaging
- Automatic measurement program. Segmentation, object separation and masks. Geometrical and intensity-measurements. Data display in table and list style