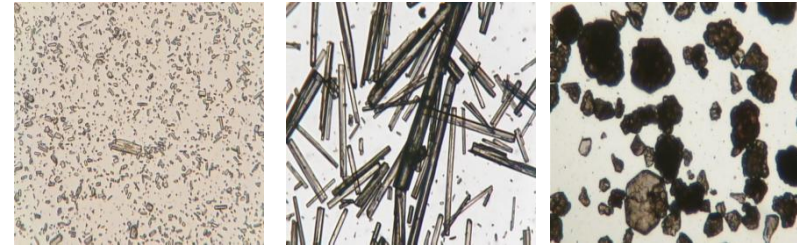


Resitec – Laboratory – Particle characterization

- **Sysmex FPIA 3000 Flow Particle Image Analyzer** is an automated image analysis system designed to measure the size and shape (circularity) of particles
 - The system uses a CCD camera to capture pictures of the particles
 - The images are captured in real time and analysed in terms of their morphological parameters to produce corresponding size and shape distributions
- **Beckman Coulter Multisizer 3 Coulter Counter** analyses the number of particles and their size distribution by measuring change in electric resistance as the particles are suspended in an electrolyte
- **Malvern Mastersizer 2000** uses laser diffraction to measure particle size
- **Olympus BX51 Microscope (magnification)**



Resitec – Laboratory – Other analysis equipment

- Varian AA240FS Atomic absorption spectrometer (Fe, Cu, Zn etc)



- Mettler Toledo DL 31 Karl Fischer Titrator (water content)



- Brookfield Viscometer (viscosity)



- Mettler S20 SevenEasy (pH and conductivity)



- IKA Rotary RV 10 Control Rotary Evaporator (rotavapor)

