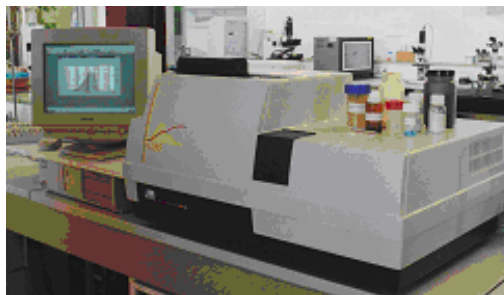


Particle size and Morphometric Analyses

Particle size

MEASUREMENT AND STUDY OF

- ◆ All types of particles
- ◆ All dimensions between 0.04 and 5000 μm
- ◆ All shapes: needles, fibres, swarf/shavings, precipitates, balls...



IFTS HAS A WIDE RANGE OF EQUIPMENTS AND METHODS OF ANALYSIS

- ◆ Laser granulometer (CILAS 1180L)...
- ◆ Microscopes and image analysers (MICROVISION/FILTREX)
- ◆ Electroformed sieves and microsieves
- ◆ Coulter multisizer
- ◆ Andreasen pipette
- ◆ Sedimentation columns



IFTS

- ◆ Measures all physical characteristics of powders and other granular filtering media (permeability, speed of fluidization, porosity, brittleness, cleanliness, and resistance to attrition)
- ◆ Characterizes geometry of particles (shape factor, 2D and 3D sizes) to quantify their ability to a separation process.



The choice and performance of the Solid Liquid Separation process is directly dependent upon the characteristics, in particular the size of particles to separate. IFTS is the centre of expertise in particle-size analysis, whether they are in powder form or suspended in liquids.



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