Applications

Centrifugation

Fast, accurate particle analysis to optimize solid-solid separation in centrifuge-decantation

Particle Size Distribution	Particle Concentration	Separation Efficiency	Phase Composition

Process-Relevant Insights

Understanding feed and separated phases is key to optimizing solid-solid separation. Our analysis delivers the insights needed to improve yield & purity.

+ Quantify composition & concentration in each phase
+ Monitor separation efficiency and product purity
+ Optimize operation based on feed characteristics
+ Maximize product yield

What You See - And What It Means

ParticleTech Analyzer can analyze feed, light, and heavy phases, revealing size, concentration, and composition. This helps you detect inefficiencies, track separation performance, and ensure a high product purity and maximize product recovery - all in just 2 minutes.
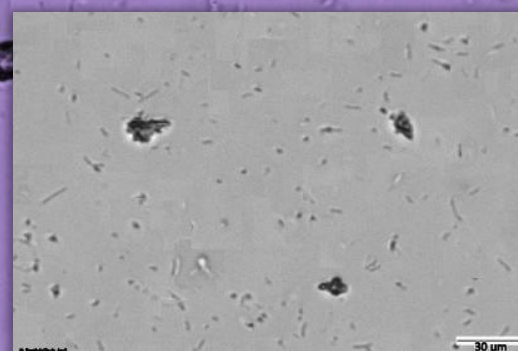
What You Gain

✓ Better control of separation efficiency and purity
✓ Faster detection of process deviations
✓ Higher product yield
✓ Easy-to-use analysis in production
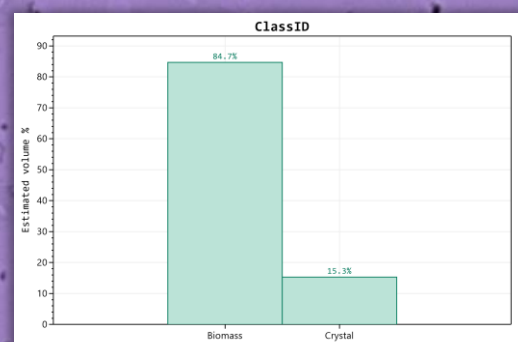
Read more at

particletech.dk/particletechanalyzer
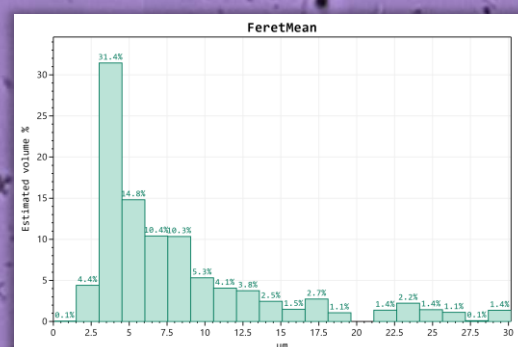
Particle Size Distribution

Crystal-Biomass Distinction

Phase Composition Analysis