PARTICLE TECH

Applications

Flocculation

Optimize floc formation and strength for efficient solid-liquid separation

Floc Size Distribution | **Floc Strength & Integrity** | **Total Suspended Solids (TTS)** | **Flocculation Efficiency**

Process-Relevant Insights

Effective flocculation require control of floc size, strength, and suspended solids. Our analysis provides insights to enhance solid-liquid separation.

+ Monitor floc size to optimize separation
+ Detect fragile flocs that may break during handling
+ Measure Total Suspended Solids to assess efficiency
+ Quantify efficiency to optimize dosing & conditions

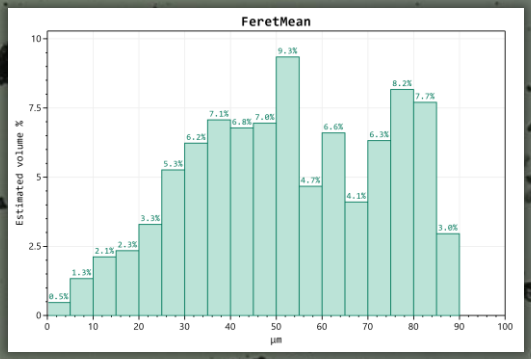
What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer reveals floc size, strength, and total suspended solids, for samples taken before and after flocculation. These insights help you fine-tune the flocculation performance by ensuring stronger flocs and a more efficient separation.

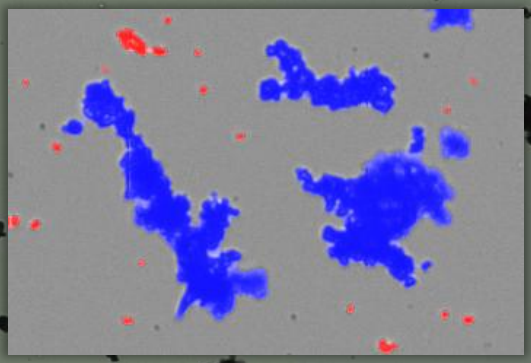
What You Gain

✓ Stronger, more stable flocs for better separation
✓ Faster process optimization & reduced chemical use
✓ Improved control of total suspended solids
✓ Enhanced downstream efficiency & product quality

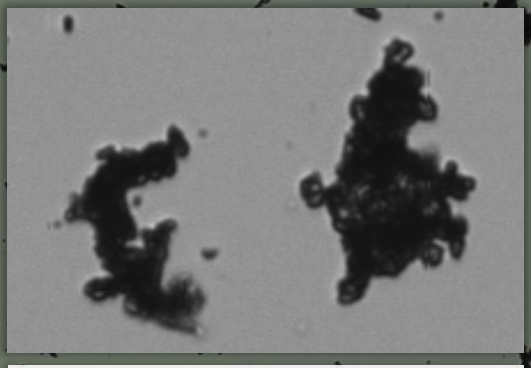
Read more at
particletech.dk/particletechanalyzer



Floc Size Distribution



Recoverability Quantification



Floc Compactness/Strength