



Applications

Filtration

Fast particle analysis to improve filterability,
reduce clogging, & monitor separation efficiency

Particle Size & Shape

Total Suspended Solids (TTS)

Feed & Filtrate

Residual Particle Analysis

Process-Relevant Insights

Filtration performance depends on particle size, structure, and composition - our analysis shows why filters clog, blind, or fail to separate effectively.

- + Detect particle sizes at or near filter pore sizes
- + Quantify solids passing through the filter
- + Compare feed and filtrate to track filtration efficiency
- + Tune filtration settings based on real particle behavior
- + Identify particles that cause cake buildup

What You See - And What It Means

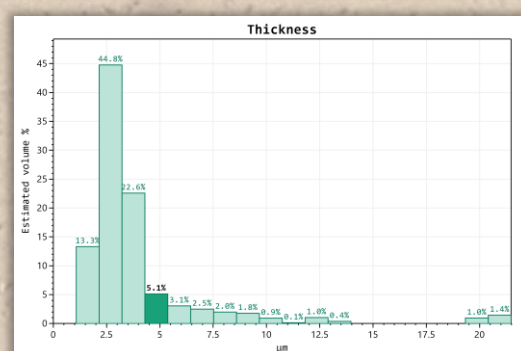
The ParticleTech Analyzer captures particle images before and after filtration in just 2 minutes. You see size, shape, and deformability — and quickly detect what's retained, what passes through, and why filters clog.

What You Gain

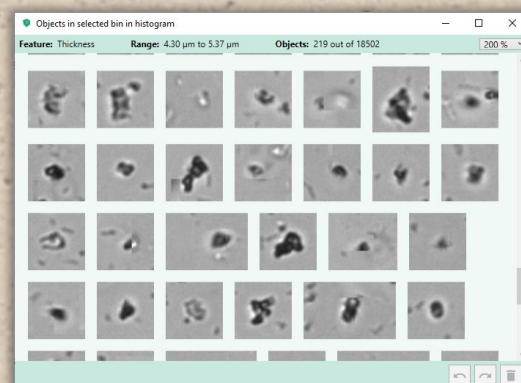
- ✓ Fast, reliable particle analysis in 2 minutes
- ✓ Real-time insight into filter performance
- ✓ Optimized filter selection and cleaning intervals
- ✓ Easy-to-use analysis in both R&D and production

Read more at

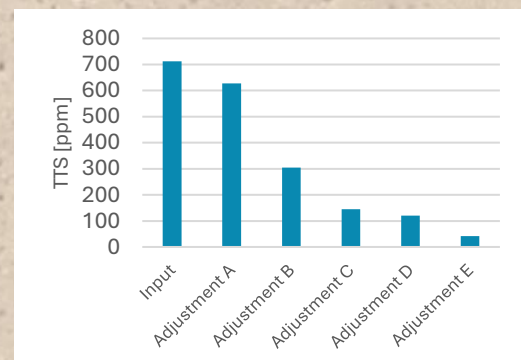
particletech.dk/filtration



Particle Size Distribution



Particle Documentation



Total Suspended Solids (TTS)