



Applications

Powder Atomization

Optimize atomization and cooling by measuring particle size, shape, and sphericity

Particle Size Distribution

Sphericity & Shape

Agglomerate Detection

Morphology & Density

Process-Relevant Insights

Particle properties directly impact powder flow, packing, and performance. Our analysis helps you achieve optimal atomization and cooling outcomes.

- + Measure size & shape to adjust atomization settings
- + Differentiate between solid & hollow particles
- + Detect agglomerates that harm flow and consistency
- + Control particle sphericity for optimal performance

What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer captures detailed images of particles, revealing size, shape, and sphericity. It can distinguish between solid from hollow particles and detect agglomerates, helping you monitor atomization quality and optimize & control the powder atomization process.

What You Gain

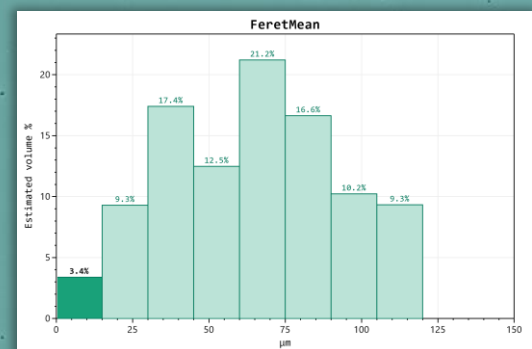
- ✓ Precise control over particle size and shape
- ✓ Improved product consistency and performance
- ✓ Early detection of agglomerates or defects
- ✓ Optimized atomization resulting in a higher yield

Read more at

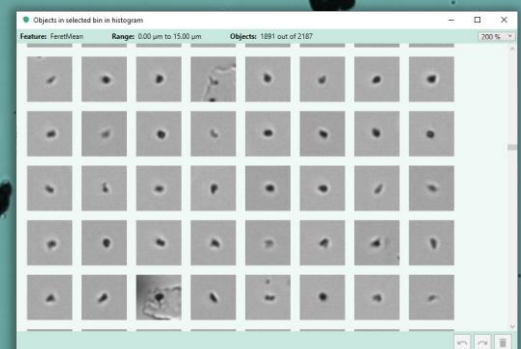
particletech.dk/particletechanalyzer

U.S. Patent No. 12,281,973

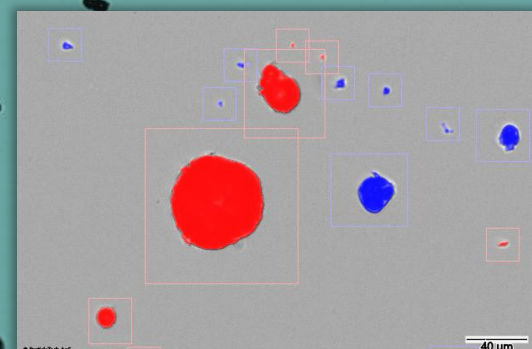
U.S. Patent No. 12,591,962



Powder Size Distribution



Detection of Dusty Particles



Hollow vs. solid particles