

Momentum



WHAT IS MOMENTUM?

Momentum is an expandable automated system that measures particle sizes on conveyor belts and relays the data back to a centralized control room workstation.

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HOW IT WORKS

The Momentum camera assembly, containing an industrial-grade camera along with specialized LED lighting and a belt-depth sensor, sends particle sizing information to a standalone workstation located in a central location. This production data can be used for quality control, compliance and automation on multiple conveyor belts throughout an operation.

THE ADVANTAGES

Allowing for multiple camera assemblies tied to one central workstation, this economical solution has been proven to reduce energy and maintenance costs, enhance personnel safety, and improve throughput and quality control procedures.



BENEFITS INCLUDE:

- Multiple analysis points for one workstation
- SAG/AG mill optimization
- Pre/Post crusher evaluation
- Quality control on load out conveyors
- Oversize detection on run-of-mine material

THE RESULTS

- Real-time particle-size distribution graph
- Real-time shape (elongation) information
- Output to spreadsheet, PDF, CSV file and more
- Direct access via Modbus/TCP
- Customizable sizing envelopes allow easy tracking of key performance indicators (KPI's)