

# Online Mineral Slurry Particle Size Analyzer

This on-line analyzer is designed for mineral slurries and does not require a sampler. It provides accurate, real-time analysis suitable for measuring particle sizes in the range of 20 $\mu$ m-1000 $\mu$ m, enabling system monitoring and optimization to minimize reagent consumption and maximize recoveries.



## Overview

### Real-Time Mineral Slurry Analysis

The Online Mineral Slurry Particle Size Analyzer is engineered for continuous, real-time monitoring of particle sizes directly on the pipeline. By eliminating the need for manual sampling, it ensures streamlined operations and simplified maintenance. Designed to withstand harsh industrial conditions, the system remains unaffected by air bubbles, large particles, or magnetic interference, providing reliable data for process optimization.

## Technical Specifications

### Measurement Range

<b>20 <math>\mu</math>m</b> Minimum Size	<b>1000 <math>\mu</math>m</b> Maximum Size
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### Suitable Applications

Iron (Fe) Processing, Copper (Cu) Processing, Gold (Au) Processing, Mineral Classifier Overflow

## Operational Features

### System Resilience

- Immune to air bubble interference
- Resistant to large particle disruption
- Magnetic field shielding

### Maintenance

Simple Maintenance • Convenient Operation

### Installation

Direct pipe installation (no sampler required)