

Ultrasonic Slurry Particle Size Analyzer

The Ultrasonic Particle Size Analyzer (PSM) is designed for on-line analysis of mineral slurries. It delivers real-time and accurate analysis, particularly for measuring P80 particle size within the range of 25 μ m-295 μ m.



Product Overview

Precision Ultrasonic Analysis

This advanced ultrasonic particle size analyzer is designed for high-performance monitoring in industrial mineral processing environments. It delivers simultaneous analysis of five particle size fractions and slurry concentration, providing actionable data for process optimization. Built to handle multiple process streams, it effectively eliminates air bubbles to ensure consistently accurate measurement results.

Technical Capabilities

Key Performance Metrics

5 fractions
Size Fractions

3 streams
Process Streams

Industry Applications

Iron Ore, Gold Mining, Copper Processing, Lead & Zinc, Coal Slurry, Slag Processing

System Features

System Highlights

- Simultaneous slurry concentration measurement
- Multi-stream monitoring (up to 3 streams)
- Integrated bubble elimination (S/C technology)
- Real-time data acquisition
- Automated calibration