

# Ultrasonic Slurry Concentration Meter

The Ultrasonic Slurry Concentration Meter is an online instrument for detecting slurry concentration and density. It offers high precision, strong adaptability, and reliable performance, without radiation pollution and with easy installation.



## Product Overview

### Advanced Ultrasonic Process Monitoring

The Ultrasonic Slurry Concentration Meter provides precise, real-time measurements for demanding industrial environments without the use of radioactive components. Designed for versatility, the device supports a wide range of pipe diameters and concentration levels, making it ideal for monitoring slurries, coal slime, and sewage. Its robust design ensures reliable, continuous operation in metallurgical, environmental, and extractive applications.

## Technical Specifications

### Concentration Range

**0 %**

Minimum

**65 %**

Maximum

### Safety Certification

No radiation pollution

### Compatible Pipe Diameters

50mm to 900mm

## Applications

### Primary Industries

- Metallurgical
- Coal washing
- Electric power
- Extractive (Tailings backfill)
- Environmental protection

### Common Monitoring Tasks

#### Use Case

River and estuary sediment movement

Port channel floating mud density

Water supply and sewage sludge treatment

Pollution source suspended substance monitoring