Wattwise Solutions LLC

Sludge concentration sensor

WW-WAT-140



An infrared scattering sensor for monitoring sludge concentration in treatment processes. Its monochromatic source limits interference from sample color, while optical and digital filtering reduce stray-light effects. A mechanical brush removes deposits and bubbles from the optical window, supporting continuous measurement through RS485 Modbus.

Applications

- Wastewater treatment
- Sludge tanks

Technical data

Measurement range	0–3000 / 10000 / 40000 mg/L
Accuracy	±5%
Interface	RS485 / Modbus
Power supply	9–36 VDC
Operating temperature	0–50 °C
Protection rating	IP68

Specifications vary with model and configuration. Contact Wattwise to confirm suitability, measurement ranges and available options for your project.
Manufacturer: Sheens