Aysix technologies
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Portable Suspended Solids Analyzer

Benefits

Reduces the Need for Daily Lab Analysis

Real Time Numbers for Better Process Control

Easy, Simple Operation means Reliability

Can Measure Sludge Blankets in Clarifiers



Features

Infrared Sensor Technology

Built in Data Logging

Serial Interface to Standard Spreadsheet Software

Independent Calibration for MLSS & RAS

Large, Backlit Graphical; Display

Waterproof

Rechargeable Batteries

Real Time Clock

Range to 30,000 mg/L

The Aysix Model A6-IIG-3150 Portable Suspended Solids Analyzer is the latest tool to help optimize your plant solids processes. It uses advanced electronics and optics to provide a multi-range analyzer to let you know your solids level in aqueous solutions. The built in data logging and data download capability makes record keeping simple so you never loose valuable information.

The sensor operates on the single gap, light absorption principle to determine the concentration of suspended solids. The sensor design focuses on the ability to easily understand the MLSS (1000 to 5000 mg/l) and the RAS (7000 to 20,000 mg/l) streams. The infrared emitter minimizes the effects of colour and compensates for emitter variations due to temperature. The results of all this technology are reliable, easy to store and easy to retrieve suspended solids values, to make your plant run better.

Specifications:

Model Number: A6-IIG-3150

Measuring Range:	0-30,000 mg/L
Accuracy:	3% of reading or 20 mg/l, whichever is greater
Sensitivity / Resolution:	1 mg/l below 1000 mg/l 10 mg/l between 1,000 and 9,999 mg/l 100 mg/l above 10,000 mg/l
Repeatability:	+/- 0.5%
Sensor Drift:	less than 1% per year
Temperature Range:	0 to 65 ^{O}C
Sensor Check:	Automatic self-diagnostics
Memory Backup:	Yes
Display:	LCD graphic display with UV protection Contrast adjustment via keypad On Demand Backlighting
Sensor Cable Length:	20 feet
Ambient Temperature:	-20 ^{O}C to 70 ^{O}C
Ambient Humidity:	0 to 100 %
Enclosure Rating:	NEMA 4X
Wetted Material:	Epoxy, Polyurethane, PVC
Max. Pressure:	100 psi
Shipping Weight:	approx. 4 lbs.

The Model A6-IIG-3150 Portable Suspended Solids System includes analyzer, sensor and battery charger.
Option Download Kit – Includes cable to connect to PC and automatic download software.

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Local Rep: