

Soli-Tech 20 Sensor



PARTECH
instruments

Sludge Blanket,
Suspended Solids and
Turbidity Sensor

— INDUSTRIES

- Sewage Treatment
- Industrial Waste Water
- Paper and Pulp
- Mine and Quarry Water
- Food and Beverage Effluent

— APPLICATIONS

- Final Settlement Tanks
- Primary Settlement Tanks
- Humus Tanks
- Clarifiers
- Sludge Thickeners

— FEATURES

- Low Cost
- Simple Maintenance
- Wide Range of Applications
- High Sensitivity
- Easy Installation

— BENEFITS

- Warning of Pollution Problem
- Improved Sludge Blanket Consistency
- Reduction of Tanker Costs
- Automatic Tank Desludging
- Warning of Consent Failure

The Soli-Tech 20 sensor is designed for the measurement of suspended solids, sludge density, or turbidity in a wide range of applications, including sludge blanket detection, activated sludge and final effluent.

When monitoring the Sludge Blanket Level in settlement tanks, it is important to ensure that the instrument is sensitive enough to detect low density solids before 'carry-over' to the next process stage. Thus ensuring that potential pollution events are highlighted before they occur. The infrared absorption principle is ideal for this application and has proved to be highly reliable and cost effective.

The Soli-Tech 20 is equally applicable to the measurement of Suspended Solids or Turbidity providing a low cost option, and can easily be cleaned using a soft cloth.

Installation is straightforward and can be carried out without special tools, and in most cases Partech's mounting brackets can simply be attached to local handrails. In Sludge Blanket Detection the sensor is simply hung from the cable using a standard mounting bracket. This allows immediate access for cleaning without the need for mounting shafts. In applications where the sensor is to be placed in a flow, a mounting shaft can be added to the sensor and a range of mounting brackets are available to suit most applications.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.