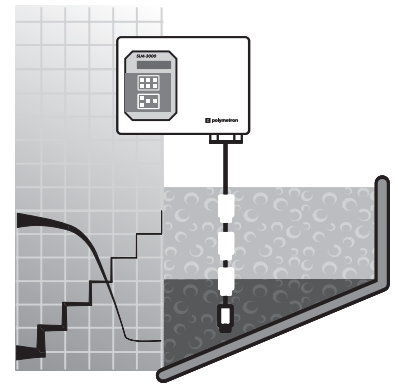


Secondary clarifier blanket level measurement with SLM-3000

application note

The SLM-3000 Sludge Monitor and Profiler, with an SL-20/10 Sensor, is used in primary and secondary clarifiers to monitor the height of the blanket to control the solids separation / removal process. It is also used for profiling, which is an effective means of monitoring a tank that is subject to swings in influent rate and suspended solids concentrations.



SLM-3000 Transmitter

- Blanket level measurement for efficient control of blanket pump-out
- Relay and analog outputs provide auto-desludging data
- Limit switch input for rake synchronization
- Breakaway cable connector
- IEC certified for EMC; IE, UL and CSA safety approved
- Polycarbonate enclosure
- Options: second current output; heater

SL-20/10 Sensor

- CPVC (chlorinated polyvinyl chloride) 4-Beam™ sensor with stainless steel weight
- Breakaway cable connector
- 15 m (51 ft) cable standard; 10 m (35 ft) cable optional

Options

- Triangular mounting frame (aluminum) 2 required per unit; 714-2570
- WS-1000 sensor Washing System; 714-2580

Ordering Information

System	Voltage	Heater	Solids output	Part Number
SLM-3000	110 VAC	—	—	986-3200-104
SLM-3000	220 VAC	—	—	986-3200-204
SLM-3000	110 VAC	—	✓	986-3200-103
SLM-3000	220 VAC	—	✓	986-3200-203
SLM-3000	110 VAC	✓	—	986-3200-102
SLM-3000	220 VAC	✓	—	986-3200-202
SLM-3000	110 VAC	✓	✓	986-3200-101
SLM-3000	220 VAC	✓	✓	986-3200-201

This publication is not intended to form the basis of a contract. The company reserves the right to change design and specification of its products without notice.

INTERNATIONAL H.Q.

Zellweger Analytics SA
33 rue du Ballon
93165 Noisy-le-Grand Cedex
France
Tel: (33) 1 48 15 80 80
Fax: (33) 1 48 15 80 00

U.S. H.Q.

Zellweger Analytics, Inc.
100 Park Avenue
League City, Texas
USA 77573
Tel: (281) 316 7700
Fax: (281) 316 7800

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Additional information

Ordering

For additional ordering information, see the *Sludge Level Products* section of the price list.

Specifications

For additional product specifications, see the data sheet for:

- *SLM-3000 Sludge Level Monitor and Profiler*

Installation

For additional information on installing your system, see these installation guides in the back of the *SLM-3000 User Manual*:

- *SLM-3000 Sludge Level Monitor and Profiler (transmitter unit)*
- *SL-20/10 Sensor*

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