

TOO FLUFFY, TOO GRITTY, OR JUST RIGHT?



Visualize the solids / liquid separation capabilities
of activated sludge



**Narrower than other brands so it can be
carried in one hand.**

The Raven Settlometer Kit is used to evaluate sludge settling characteristics.

Use with mixed liquor samples to determine the behavior of the sludge in the secondary clarifier.

Also with aerobic digester samples to evaluate supernatants and separation periods for sludge wasting.

Each kit is shipped with the following items:

- C-10100
Settlometer, 1.4 liter cylinder
- C-10103
Mixing Paddle
- C-10104
Snap-on Lid

Shipping weight is 1 lb.
4.5" diameter X 8.5" tall.

Settlometers are used to determine percent (%) volume and/or settled sludge volumes (SSVs) for quantifying settling of sludge samples. Used in conjunction with aeration tank mixed liquor concentrations by volume (ATCs - obtained from the Centrifuge Test) the SSV data can yield Settled Sludge Concentration (SSCs) at respective times. When compared to the return activated sludge concentration by volume (RSC), a powerful process control tool is provided for return sludge flow control.

"The results obtained from the settlometer and centrifuge tests can be combined and used to adjust proper return sludge flow to minimize clarifier sludge detention while maximizing clarifier sludge concentration. This type of operational information demonstrates the superiority of settlometer testing in comparison to simple use of SVI (sludge volume index)."

Activated Sludge Manual of
Practice OM-9 first edition page 171.

West, A.W. "Updated Summary of the Operational Control Procedures
for the Activated Sludge Process" US EPA, Cincinnati, OH

DESCRIPTION	ITEM #	EACH
Settlometer Kit	C-10102	\$44