

BLANKETmaster™ FAQs

Do you have a question about *BLANKETmaster™* that hasn't been answered here? Please [contact us](#) for further assistance.

How does BLANKETmaster™ control sludge blanket depth?

BLANKETmaster™ is a software program that automates and controls the flow of sludge removed from the clarifier based on readings from on-line analyzers.

Why is maintaining a constant sludge blanket depth important?

When the sludge blanket depth rises above its optimum level it may cause deterioration of effluent quality, which can in turn lead to violations of NPDES limits. Decrease of the sludge blanket depth below its optimum level wastes pumping energy and causes a reduction in the total suspended solids concentration of sludge.

How is a sludge blanket depth set point selected?

The set point should be selected based on clarifier stress testing and frequent reviews of the clarifier's operating data. Ekster and Associates has developed proprietary optimization methodology to determine the appropriate set point. See the section describing [optimization services](#).

Is BLANKETmaster™ best used for control of continuous or intermittent sludge pumping?

BLANKETmaster™ is designed for use with either of these sludge pumping methods.

What happens if one of the meters suddenly provides faulty readings?

BLANKETmaster™ uses a sophisticated control algorithm to filter out any erroneous data and will immediately alert operators of faulty readings and automatically adjust the control algorithm.

What if a sludge collector fails?

BLANKETmaster™ will immediately detect the abnormality and alert operators to the problem *and* suggest possible corrective actions.