



RTC-SD Software Module

Product #: LXZ516

OBSOLETE ITEM
This item is no longer available.

Are you wasting money with a fixed-dose approach?

Did you know that you can bolster the efficiency of your dewatering centrifuge and increase solids capture, while decreasing the cost of sludge disposal and saving money on polymer? Hach's RTC-SD Software improves solids concentration by measuring the current solids feed load and adjusting the polymer dosing and/or the feed flow rate to send a consistent product through the centrifuge. This ensures maximum TSS concentration in the sludge, which decreases disposal costs, and minimal TSS concentration in the centrate, which reduces issues in process water returns.

Claros Process Management **solutions for sludge management** like RTC-SD are designed to make the most of your plant's real-world conditions by transforming every uncertainty into an opportunity for measurement, responsive action, and savings.

Typical reduction in polymer dosing of up to 15%

Optimized chemical use means less cost, less strain on dewatering equipment, plus reduced risk of foaming and the use of expensive anti-foam chemicals.

Overall process health improvements

Process efficiency minimizes compliance risk, reduces aeration demand, prevents recycling of solids to headworks, and avoids manual interventions.

Improved solids capture and product consistency

Decreasing TSS concentration in centrate reduces issues in process water returns, while increasing TSS concentration in sludge decreases disposal costs.

Increased visibility

Understand your system's real-time performance with a glance at the dashboard, or delve into the factors that affect your sludge dewatering process by generating a historical report.

Specifications

Industry:	Wastewater
Input Parameter:	TSS_{In} , TSS_{Cent} , Q_{In}
Model:	RTC-SD
Number of channels:	1 or 2
Output:	$Q_{Polymer}$, Q_{feed}
Parameter:	Total Suspended Solids (TSS)
Process:	Sludge management
Prognosis:	Yes

Solution Type:

Software