



SEPARATION

# REAL-TIME, AUTOMATIC ADJUSTMENT OF POLYMER DOSAGE

Metris addIQ RheoScan

**ANDRITZ**

ENGINEERED SUCCESS

# Reduce your costs by up to 40%

The Metris addIQ RheoScan is the first optical measurement system on the market that detects the actual sludge viscosity during thickening and dewatering processes. RheoScan then efficiently and accurately adjusts the needed polymer dose to match changing flow rates and sludge conditions.

Nowadays, the polymer dose is often left "as is" and not adjusted properly to the current sludge conditions. This may lead to a drop in cake dryness, blinded belts, and overdosing of polymer. All of this means higher costs to you for polymer use, trucking and disposal fees, drying, and labor. RheoScan helps you to control your adjustment of polymer in real time 24/7 and therefore reduces your polymer and sludge processing costs.

## APPLICATION

RheoScan can be applied to belt filter presses and gravity belt tables of all manufacturers in all types of municipal and industrial sludge processing facilities.

## YOUR BENEFITS

- Cost savings of up to 40% thanks to reduced polymer consumption
- Amortization period of only a few months
- Massive reduction of overfills
- Gas yield increase through optimized polymer dosage for digested sludge
- Increases plant reliability and stability of machine operation
- Operates without requiring supervision
- A patented technology which works with any manufacturers' automated polymer delivery system
- CE-certified and UL508A optional



Metris addIQ RheoScan installed at a belt filter press



# Your full-service provider

With ANDRITZ, you gain access to one of the world's largest OEM manufacturers for solid/liquid separation systems, including such well-known brands as 3Sys Technologies, Bird, Delkor Capital Equipment (Pty) Ltd., Escher Wyss dryers, Frautech, Guinard Centrifugation, KHD Humboldt Wedag, Krauss-Maffei centrifuges, dryers, and filters, Lenser, Netzsch Filtration, Rittershaus & Blecher, Royal GMF Gouda, Sprout Bauer, and Vandenbroek.

Whether you need spare parts, rentals, local service, repairs, upgrades, or modernization of your equipment, ANDRITZ is your true full-service provider. From initial consulting through to service agreements, process optimization, and training programs, we are always looking for ways to minimize downtime and increase

predictability in operations while raising your overall production efficiency. Wherever you operate, our network of 550 service specialists and global service centers ensures we'll always be there to support you for many life cycles to come. Let's sit down and see how we could take your operations to the next level.



#### LOCAL SUPPORT

Responsive local service centers and field service technicians



#### REPAIRS & UPGRADES

Optimization of machine and process performance, repair work, retrofitting, and modernization



#### SECOND-HAND & RENTALS

Certified second-hand and rental machines



#### TRAINING

Operator training and tailored seminars for operating and maintenance personnel



#### OEM SPARE PARTS

Filter cloths, spare and wear parts from OEMs or with OEM level quality, all readily available



#### SERVICE AGREEMENTS

Preventive maintenance, contracts for spare parts, maintenance, inspections, repairs, upgrades, operation, and equipment monitoring



#### PROCESS OPTIMIZATION

Automation tools and process expertise to boost your profit



#### LAB AND ON-SITE TESTS

Lab and testing capabilities for process optimization and machine upgrades



## WHAT'S YOUR SEPARATION CHALLENGE?

ANDRITZ Separation is the world's leading separation specialist with the broadest technology portfolio and more than 2,000 specialists in 40 countries. For more than 150 years, we have been a driving force in the evolution of separation solutions and services for industries ranging from environment to food, chemicals, and mining & minerals. As the OEM for many of the world's leading brands, we have the solutions and services to transform your business to meet tomorrow's changing demands – wherever you are and whatever your separation challenge. **Ask your separation specialist!**

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