

# **SUPERIOR PERFORMANCE IN THICKENING WITH ADVANCED DIGITAL SOLUTIONS**

**Metris addIQ ACE for thickeners**



# Unlock full potential of your thickener with advanced process control solutions

Introducing Metris addIQ ACE for thickeners by ANDRITZ – your key to transforming thickener performance in mining operations.

Metris is the digital solutions brand from ANDRITZ, delivering cutting-edge intelligence, automation, and optimization technologies to maximize plant performance. At the heart of this portfolio is the Advanced Control Expert (ACE) – an advanced process control (APC) system designed to enhance the performance, efficiency, and stability of critical equipment and process areas. Metris addIQ ACE brings AI-driven, adaptive control to single-equipment optimization, delivering superior results for operations such as SAG mills, thickeners, and filters.

Whether you're handling concentrate, tailings, or counter-current decantation (CCD) applications, this technology is designed to maximize efficiency, enhance stability, and promote sustainability.

## Features

- **Precise underflow density controller**

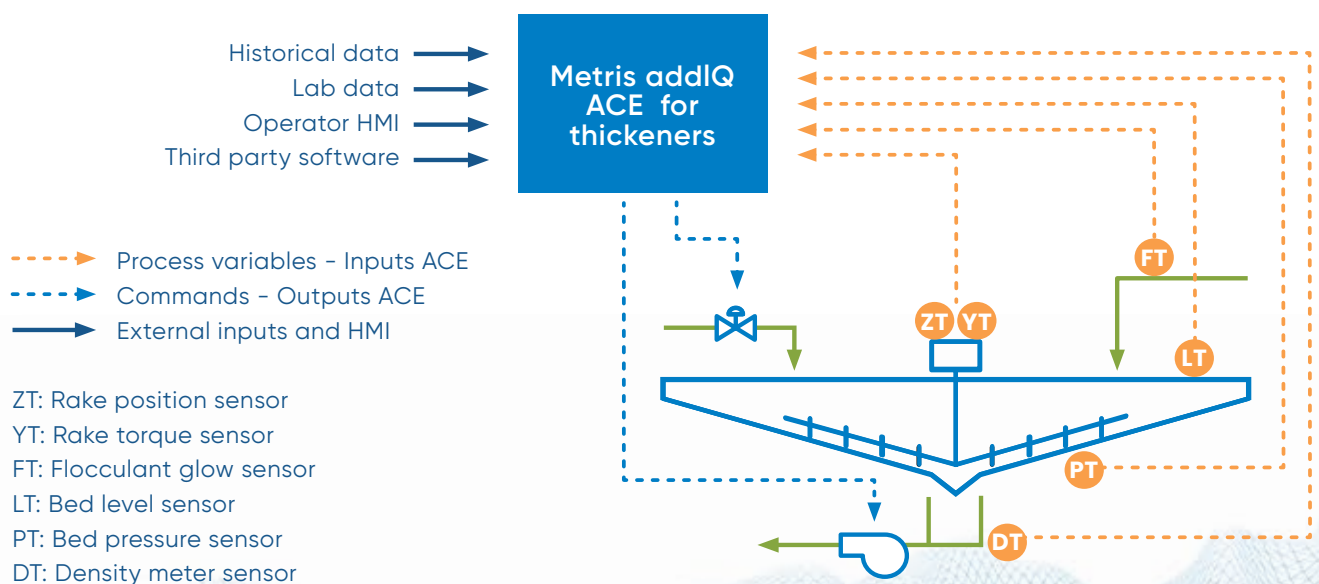
Experience the power of a specialized underflow density module that expertly maintains a stable underflow density. This innovative feature guarantees consistent thickener performance while significantly minimizing the need for manual intervention, allowing you to focus on what truly matters.

- **Mud level supervision**

Unlock the advantage of mud level management through comprehensive monitoring of the entire mud level profile. It delivers a precise and reliable definition of mud levels, ensuring stable interface levels, vastly reducing fluctuations, and ultimately maximizing your operational efficiency.

- **High rake torque protection**

Protect your investment with a solution designed to prevent damage by maintaining rake torque within safe limits. This proactive approach reduces downtime and costs while offering peace of mind. Real-time torque monitoring acts swiftly to take necessary actions, ensuring operations run smoothly and efficiently.





## OPTIMIZE PROFITABILITY WITH DIGITAL INTELLIGENCE

As part of the Metris addIQ ACE suite, this innovative solution automates and optimizes your thickening process, delivering consistent performance, curbing operational costs, and significantly boosting plant profitability. Elevate your operations and experience the power of advanced digital solutions today!

**GET AN OVERVIEW**  
Metris addIQ ACE  
for thickeners



## Benefits

- **Remarkable consistency in underflow density**  
Delivers exceptional consistency by minimizing variability by up to 40% compared to traditional control systems.
- **Superior water recovery**  
Enhances water recovery through improved process stability, contributing to sustainability and responsible resource use.
- **Exceptional flocculant savings**  
Reduces chemical consumption by up to 30%, saving costs while maintaining peak performance.
- **Unmatched reliability**  
Significantly reduces high torque events, elevated bed levels, and high bed pressure incidents, thanks to enhanced process control.
- **Empowering autonomy**  
Embodies the philosophy of reduced human intervention, enabling true operational autonomy and freeing up personnel for strategic tasks.

## THE METRIS COMPETENCE

ANDRITZ offers a broad and constantly growing range of innovative products and services in the industrial digitalization sector under the brand name Metris, helping customers to

- Enhance plant efficiency and profitability
- Optimize the use of resources
- Achieve constant and highest product quality
- Avoid production downtime
- Maximize user-friendliness

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