

# NIRSpec UREA-s ANALYZER

**SPRANA**  
PROCESS ANALYTICAL TECHNOLOGY

## ON-LINE ANALYSIS OF UREA SOLUTION

provides real-time accurate data on  
**CHEMICAL COMPOSITION TO DCS/SCADA**  
for better process control

DEVELOPED IN PARTNERSHIP WITH



# NIRSpec UREA-s ANALYZER



## NIRSpec Urea Solution process analyzer

is a prerequisite in the upcoming transformation/transition of Urea plants to Industry 4 and Quality 4.

It provides real-time continuous data on the chemical composition of Urea solution enabling advanced process control and model based predictive control strategies and ultimately a more accurate digital twin model, which can be used for real-time optimization to improve the performance of the plant.

## SPRANA SOLUTIONS FOR NITROGEN PLANT

