

RAW BIOGAS IN RENEWABLE ENERGY PLANTS

Task

The requirements for renewable energy plants regarding gas quality and economics have increased significantly in recent years, demanding optimization and continuous monitoring of the plant or processes running therein.

Solution

UNION Instruments offers biogas plants a range of solutions for determining the chemical composition and combustion value of the gas. These include (1) the continuously operating gas analyzers of the INCA device series for determining CH₄, CO₂, CO, H₂S, H₂, and higher hydrocarbons and (2) the calorimeters of the CWD device series for determining the Wobbe index, heating value, and energy content of the gas. Professional advice and an attractive service package round out these solutions.



User Benefit

The measured values obtained with these devices provide plant operators with information about the process, enabling them to optimize plant operation in terms of both technical and cost aspects and to meet the increased requirements.

