Bioprocess Control

Business area
A global technology and market leader in the area of advanced **Instrumentation & Control Technologies** for research and commercial applications in the biogas industry

Mission
Bring to market innovative advanced instrumentation and control technologies that allow for more **efficient biogas research** and an **improved operation** of biogas plants
Product portfolio

Feedstock optimisation & characterisation

Automatic Methane Potential Test System (AMPTS²)

Simulation of biogas reactors

BioReactor Simulator  CSTR-2G  CSTR-5G  CSTR-5S  CSTR-10S
Product portfolio

Ultra low gas flow measurement

μFlow

DAQ system

Reactors & mini-pilot biogas plant

CSTR-5S/10S

CSTR-5G

Mini-pilot biogas plant

Mini-pilot UASB/EGSB/IC
Bioprocess Control can help with:

• **Feedstock** optimisation & **characterisation**
• **Evaluation of** various **pre-treatment** effects on biomass
• **Analysis of additives** for **biogas production**
• Study & evaluation of co-digestion
• Simulation of biogas digesters at lab-scale
• **Monitoring** alcoholic fermentation for **ethanol production**
• **Evaluation of the efficiency of biological nitrogen removal** (i.e. denitrification, ANAMOX) from waste water
For more information, visit us at:

www.bioprocesscontrol.com

Optimising the production of biogas