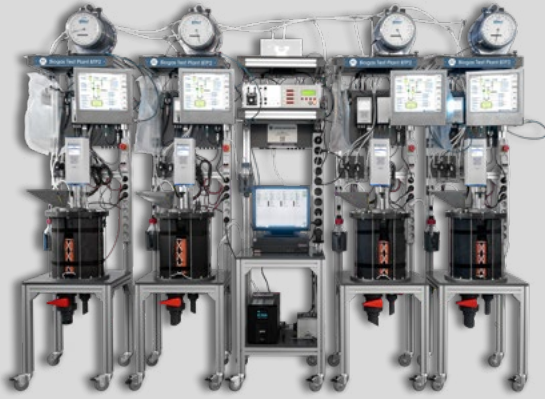


BIOGAS TEST AND BIOREACTOR PLANTS



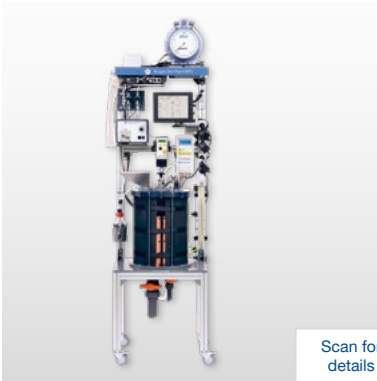
INNOVATIVE AND CUSTOMIZED BIOGAS TEST EQUIPMENT

The BTP (Biogas Test Plant) Series by UIT offers standard and customised solutions with the flexibility of a modular system. We support you in application-oriented research to improve process understanding and increase efficiency in biogas production.

Advantages of our BTP2 Series:

- ✓ Innovative product solutions based on modular system with SENSOcontrol
- ✓ Systems available in various dimensions, from laboratory to pilot and container scale
- ✓ Worldwide delivery

BTP2 Biogas Test Plants



5 to 60 liters



80 to 150 liters



400 to 1,000 liters



- ✓ Different reactor sizes available from 5 to 1,000 liters
- ✓ Equipped with online measurement technology (gas quantity, gas quality, pH, redox, temperature, ...)
- ✓ Equipped with silicon heating mats and powerful agitator systems
- ✓ SENSOcontrol data acquisition and control system allows to connect UIT tube pumps for pH-control or excentric screw pumps for feeding and discharge
- ✓ Measured data can be stored in the SENSOWeb-cloud with worldwide access

BIOGAS TEST AND BIOREACTOR PLANTS



BTP2 Analyzer

- ✓ Available in different reactor sizes (from 5 to 1,000 liters)
- ✓ Additionally equipped with gas analysing systems with automatic functionality
- ✓ SENSOcontrol for data acquisition and control of the measurement equipment
- ✓ Measured data can be stored in the SENSOWeb-cloud with worldwide access



BTP2 Control

- ✓ Available in different reactor sizes (from 5 to 1,000 liters)
- ✓ Additionally equipped with a gas analysing system with automatic functionality usable for up to 8 reactors
- ✓ SENSOcontrol for data acquisition and control of the measurement equipment
- ✓ Measured data can be stored in the SENSOWeb-cloud with worldwide access



BTP2 Methanation

- ✓ Laboratory and pilot plants for biological methanation
- ✓ Designed and manufactured according to customer specifications
- ✓ Mass flow controller for defined injection of the gas
- ✓ Gas quality measurement system with additional H₂ sensor up to 100% range



Biogas Container

- ✓ Customized and transportable solution for Biogas Test Plants on pilot scale
- ✓ Individually engineered and equipped
- ✓ Use of 20 ft or 40 ft container with isolation, air condition and gas warning system



The equipment features will be defined with the quotation.

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