

LEIPZIG FOAM TESTER

Set for testing the potential of substrates to produce foam in biogas plants

Developed by:
**Helmholtz Centre for
Environmental Research
Leipzig – Halle (UFZ)**

Principle: temperature-controlled cultivation of fresh biogas reactor culture spiked with the substrate to be tested for foam production.

If cultures produces foam within a few hours, this indicates a high tendency of the substrate to generate foam in the biogas reactor.

Final culture volume: 500 mL
Substrate content: 2% dry weight (w/w)
Test duration: about 3 to 24 hours



Technical Data:

- Thermostat for glass bottle, temperature
- Two-point temperature controller
- Silicone heater, thermally isolated, 20 W
- Temperature sensor: Pt100
- Voltage: 24 V DC (Power adapter for 230 V, 50 Hz or 115 V, 60 Hz)
- Housing: aluminium
- Dimensions: 250 x 250 x 100 mm
- Accessories: Glass bottle (1 Liter) mit lid and foam trap
Power adapter 24 V DC for 230 V, 50 Hz or 115 V, 60 Hz

Technical modification can be modified without announcement.

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