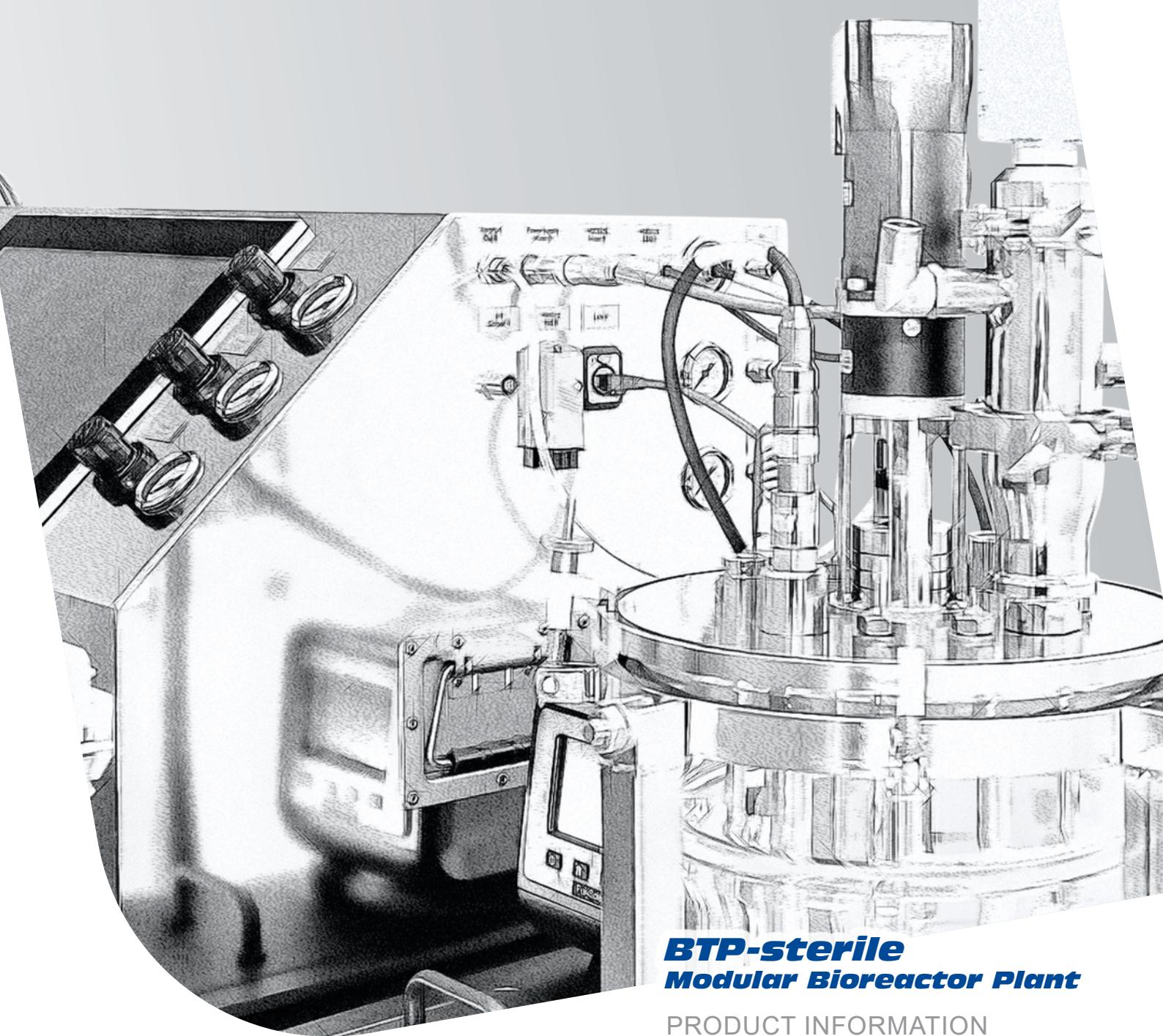




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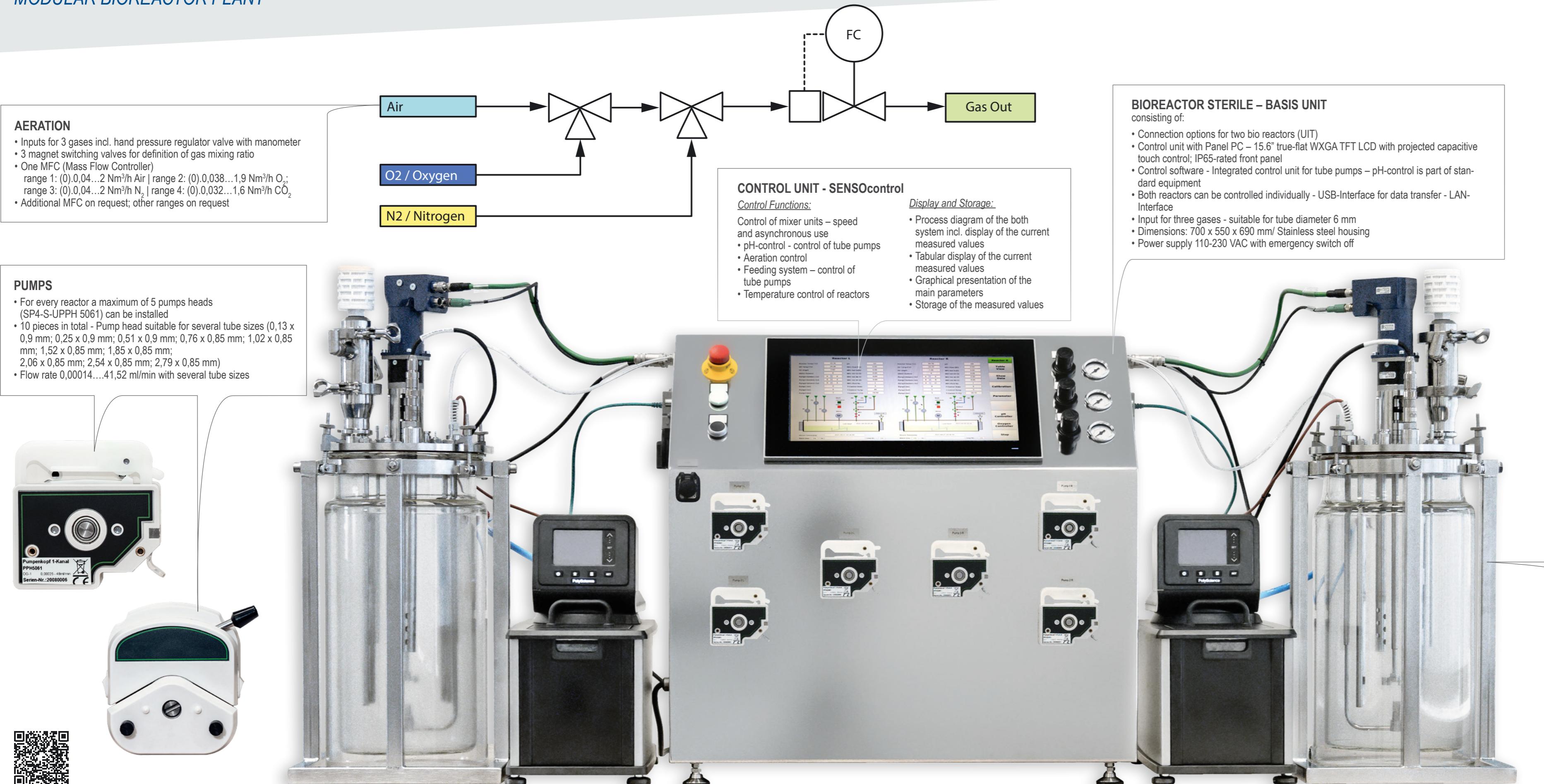


BTP-sterile
Modular Bioreactor Plant

PRODUCT INFORMATION

BTP-sterile

MODULAR BIOREACTOR PLANT



INTERFACES/ CONTROL FUNCTIONALITY

for two mixer units incl. speed control

Aeration

- Inputs for 3 gases incl. hand pressure regulator valve with manometer
- Manometer input pressure of gases

Measuring equipment

- Mounted pH-amplifier incl. temperature measurement
- incl. socket for connection of pH-probe
- Preinstalled connection (socket) for an LDO sensor
- Other parameters on request

Heating control unit for electrical heating mat

- Two sockets for heating mat
- Possibility to define target temperature of the bioreactor medium and



BIOREACTORS - bioreactor with mixer unit

- Version 1: Double walled glass reactor – jacketed
- Version 2: Glass reactor – unjacketed
- Borosilicate Glass/ reactors usable up to 60°C - other temperature on request
- Glass reactors with stainless steel parts - autoclavable
- Lid made in stainless steel 316L
- Gas-tight shaft feedthrough with simmering's
- Mixer unit range up to 0....1000 rpm; 200 W; at maximum torque 200 Ncm
- Mixer tool - Rushton impeller
- incl. baffle assembly
- incl. air aeration tube with porous sparger
- Exhaust gas cooler
- Sterile filter
- Rack for the whole system

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The company is part of the General Atomics Europe Group
and is thus part of the worldwide network of General Atomics (GA)



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