



sartorius stedim
biotech

BIOSTAT® Aplus The compact, autoclavable fermentor | bioreactor

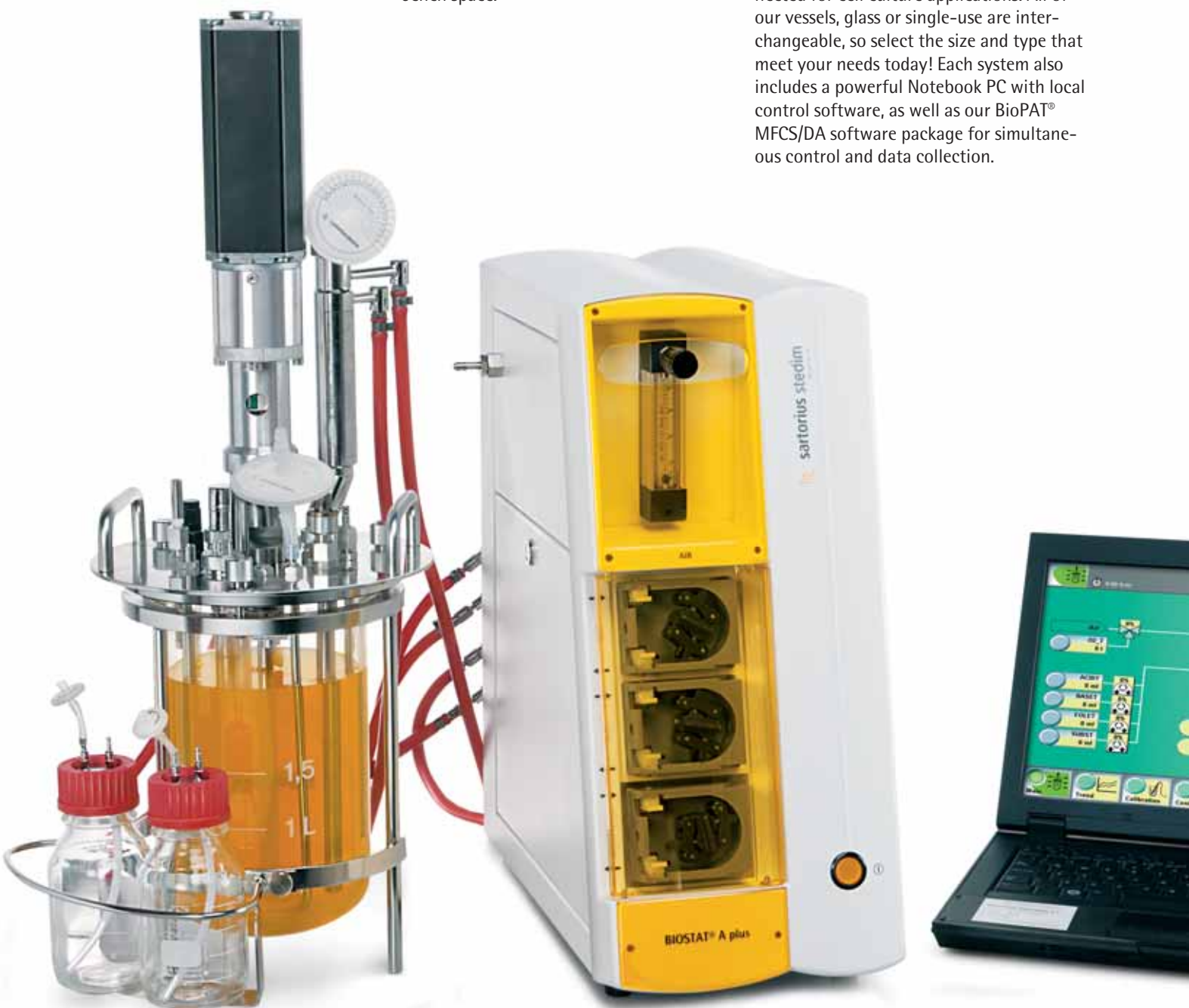


turning science into solutions

BIOSTAT® Aplus... plug in and grow

The BIOSTAT® Aplus is a compact, fermentor | bioreactor system specially designed for educational use and preliminary or investigational R&D applications. The single-housing design concept with integrated measurement and control hardware, pumps, temperature, gassing and motor systems, saves valuable laboratory bench space.

The application-driven, configured packages for microbial and cell culture include everything needed to get started immediately. The BIOSTAT® Aplus is available with interchangeable 1 L, 2 L, or 5 L working volume single-wall borosilicate glass culture vessels. Alternatively a single-use 2 L polycarbonate culture vessel can be connected for cell culture applications. All of our vessels, glass or single-use are interchangeable, so select the size and type that meet your needs today! Each system also includes a powerful Notebook PC with local control software, as well as our BioPAT® MFCS/DA software package for simultaneous control and data collection.



The BIOSTAT® Aplus is ideal for:

- Microbial culture – growth of bacteria, yeast and fungi
- Cell culture – growth of animal, insect and plant cells
- Transition from shake or tissue culture flasks
- Small-scale protein expression
- Education and research

Features:

- Ready-to-use packages for microbial or cell culture applications
- Notebook PC for operation included
- Control of temperature, pH, DO, stirrer speed, gas mixing, Foam | Level and substrate
- 2-stage DO controller configurable via stirrer speed, gas mixing or substrate
- In-line pH calibration
- Trend display
- Flexible 4-gas mixing system with individual gas flow path for cell culture packages
- Oxygen enrichment capability for microbial packages
- Interchangeable borosilicate glass culture vessels with 1 L, 2 L or 5 L working volume
- Single-use culture vessel with 2 L working volume for cell culture applications
- Industry proven hardware
- Powerful PC operating software – capable of handling up to four units
- BioPAT® MFCS/DA data storage and plotting software package
- Easy-to-follow step-by-step installation and user guide



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