

## **BIOSTAT® A plus – compact autoclavable fermenter | bioreactor system**

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With the introduction of BIOSTAT® A plus, Sartorius has created a range of very compact autoclavable bioreactor | fermentor systems with working volumes of up to 5 l that are within the reach users having limited budgets. In part, this has been made possible by transferring the controlling "Human-Machine Interface" to standard Notebook-PC which is delivered with the BIOSTAT® A plus.

This concept has the additional benefit of enabling the user to operate the system and transfer measured data to an additionally installed MFCS/DA SCADA software package for further evaluation.

The application-driven, configured packages for microbial and cell culture include everything needed for to get started immediately. These configurations are available with a choice of 1, 2 or 5 l working volume vessels as well as additional add-on options and weight measurement. Each system is supplied with detailed information guides describing recommended experimental conditions, media composition, controller set points for the most commonly encountered expressions systems.

- Ready-to-us packages for microbial or cell culture applications
- Inclusive Notebook PC for operation
- Control of temperature, pH, DO, stirrer speed, gas mixing, Foam | Level and substrate
- Configurable 2-stage DO controller via stirrer speed, gas mixing or substrate
- In-line pH calibration

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- Trend display
- 4-gas mixing system with individual gas flow path for cell culture packages
- Oxygen enrichment capability for microbial packages
- Interchangeable culture vessels with 1, 2 or 5 l working volume
- Powerful PC operating software – capable of handling up to four units
- MFCS/DA data storage and plotting software package
- Easy to follow step by step installation and user guide

### Photos for Press Release:



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Photos are available as graphic files

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