

**Product Name :**  
Bioreactor

**Product Code :**  
ASTRALAB-SUPPLYA141009



**Description :**

Bioreactor

**Technical Specification :**

User-friendly fermentation and cultivation management

Innovative Parallel process control

Left and right pumps orientations to maximize lab space efficiency

Remote control for after sale assistance

Remote access via PC or tablet

Parallel parameters calibration

dO2 and pH cascade feature

Up to 4 integrated pumps capable of operating in variable speed mode additional external brushless pumps

Automatic gas mixing algorithms for simplified controls (4-gas, 3-gas, O2 enrichment, N2 enrichment)

Safety: pressure relief valve included with every unit.

Powerful brushless motors, from 1 to 2000 RPM.

Online absorbed Torques (Nm) and Power (W) measurements obtaining an indirect density indication of the culture broth.

23" touch display.

Fully removable and cleanable jacket.

Up to 24 vessels managed with one station.

Modbus Hamilton sensors: pH, dO2, conductivity, redox.

LEDA Sampling System.

Sterile single use sampling system up to 180 sterile sampling per batch.

Needle free connector is designed to reduce the risk of contamination during sampling

Sterile syringes (3-5-10-30 ml) with non return valve to guarantee the sterility of your samples.



## Astra Scientific

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