

Product Name :
Bioreactor

Product Code :
ELAB-ENG-12-0009



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 externals 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.

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers