



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Bioreactor

**Product Code :**  
LBNY-0001-1000009



**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  
dO<sub>2</sub> 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, O<sub>2</sub> enrichment, N<sub>2</sub> 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, dO<sub>2</sub>, conductivity, redox.  
LEDA Sampling System.  
Sterile single use sampling system up to 180 sterile sampling per batch.

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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.



**Laboratory Instrument India**