



فرایند پردیس سینا

تولید کننده تجهیزات تحقیقاتی و بیوتکنولوژی



Disposable Wave Bioreactor System

SINA

ساخت ایران



Single-use Sensors

Disposable Cellbag

Pre-Calibrated Sensors

Wi-Fi Modem

RFID Access

Safe

Accurate

User Friendly

Maintenance Free

Long Lifetime

Biowave FB - 213



Specifications :

- * Wave Bioreactor / Rocking motion / No need for CIP-SIP cycle.
- * Disposable spot sensors for pH & DO measurement (built-in Cellbag).
- * Fast & reliable PLC system with 7- inches HMI monitor.
- * Minimum time and cost, without compromising the quality of drug.
- * Fast Connect /Disconnect all tubes by Quick connectors.
- * Supports research, development or cGMP manufacturing operations.
- * Ease of scale-up and production scale processes.
- * Data logging and automation levels by smart software.
- * Auto change of inlet gases between main and slave tanks.
- * Used in the upstream and downstream processing.
- * Suitable for applications such as animal, virus and insect cell culture.
- * Disposable cell culture systems from 5 to 100 liters.

CO2 Incubator



Specifications :

- * Dual NDIR CO2 sensor.
- * PT100 Sensor for temperature sensor.
- * HMI and PLC controller with PID action.
- * Stainless Steel inner jacket.
- * Dual gas inlet ports (optional).
- * RH sensor (optional).
- * LAN & RS485 communication ports.
- * 55 & 103 Liter capacity available.

Peristaltic Pumps



Specifications :

- * Touch screen display with PLC controller for Precision series.
- * Continuous or Dispensing mode available.
- * Powerful Servo motors in VP600 and Step motors in VP200 series.
- * Speed / Direction / Foot Switch / External Drive & other settings.
- * 7 Size tubing for 0.1 - 10000 ml/min flowrate.

Sina Products 2013

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Sina Bioreactors

Sina CO2 Incubators

Sina Peristaltic Pumps



Farayand Pardis Sina Co.Ltd
Manufacturer of Research & Biotech Equipment

www.faralab.com

Sina Products Introduction



Made in IRAN



Reliable Systems for :
Biotechnology
Cell Culture
Biopharma

Office : +98 21 44147824 - 5
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Mixed Gas

Filter Heater

Caution!
In motor working condition,
do not put your hand under
the tray unit.

Sina Biowave FB-213

O₂ Inlet CO₂ Inlet N₂ Inlet

DO Probe

pH Probe

