

## Multi-Purpose Laboratory Flo-Coater System

For Granulation, Coating, and Drying Processes

### One System – Three Processes

- Wet Granulation via Top Spray
- Coating via Wurster (Bottom Spray)
- Drying

### Portable Self-Contained System

- Electrical and Compressed Air Connections
- Integrated Storage Area for Unused Components

### Flexible Process Capabilities

- 0.8 to 2.5L Capacity
- Rated for Solvent Usage
- Integrated Variable Speed Pump  
for Precision Solution Addition
- Easy-to-use Product Sampler

### Quick Changeover Design

- Removable Cartridge Filters (2 $\mu$  Retention)
- Removable Spray Gun and Product Screens
- No Tools Required for Changeover/ Cleaning

### Color Touchscreen Control System

- Validatable Process Control
  - Inlet Airflow Control
  - Inlet or Product Temperature Control
  - Spray Rate Control
- Data Collection Port to PC or Printer (Opt.)



The VFC-LAB Mini is a self contained, portable, and easy-to-operate development fluid bed system. The unique design of the combination product container/Wurster insert and integrated solution pump eliminates the need for costly "add-ons". For maximum flexibility in processing, the system comes standard with product sampling port, inlet and exhaust HEPA filters, and is rated for solvent processing. With a standard configuration that includes spare parts, a 12-month warranty, and quick delivery, the VFC-LAB Mini represents the best equipment value in its class.

#### VECTOR CORPORATION

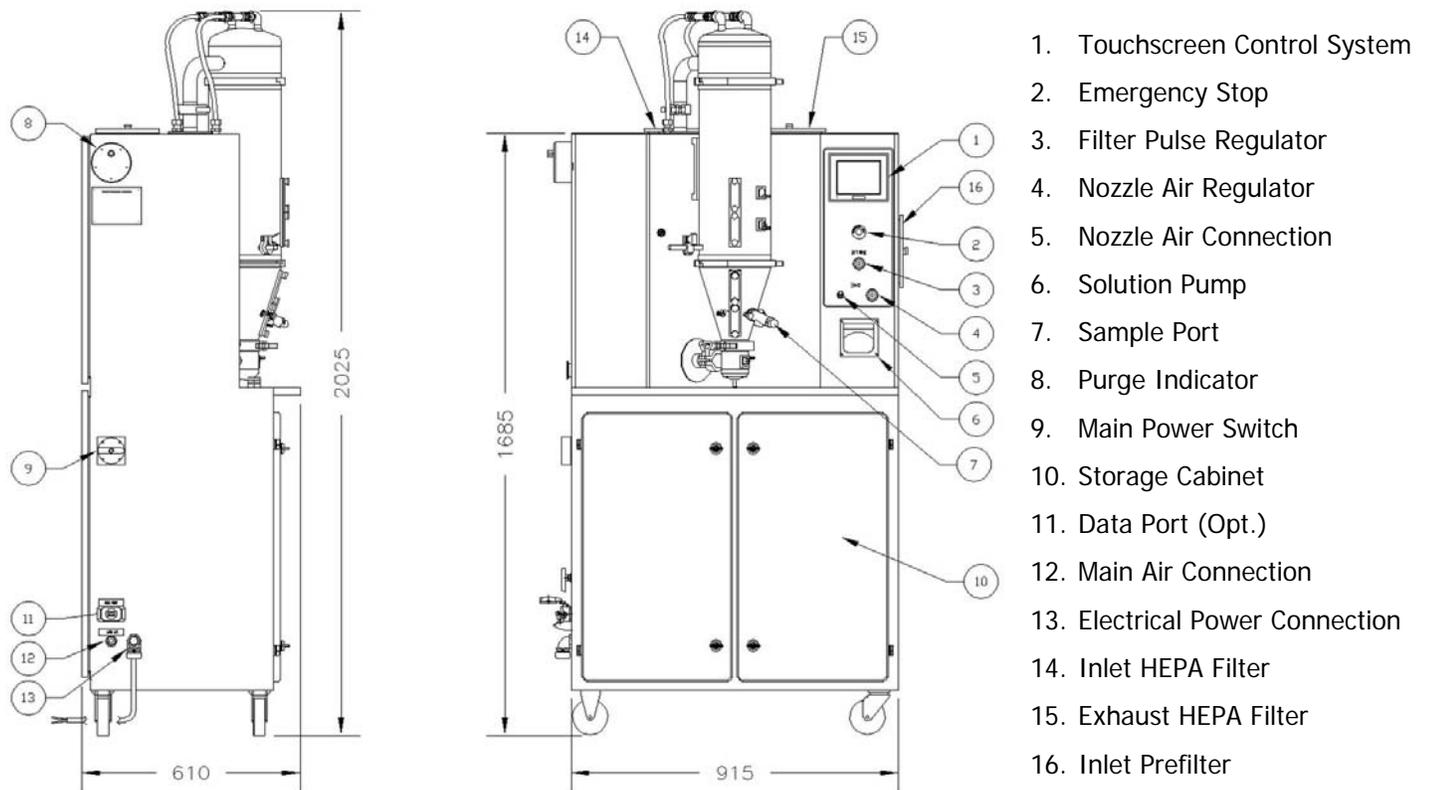
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# VFC-LAB Mini



1. Touchscreen Control System
2. Emergency Stop
3. Filter Pulse Regulator
4. Nozzle Air Regulator
5. Nozzle Air Connection
6. Solution Pump
7. Sample Port
8. Purge Indicator
9. Main Power Switch
10. Storage Cabinet
11. Data Port (Opt.)
12. Main Air Connection
13. Electrical Power Connection
14. Inlet HEPA Filter
15. Exhaust HEPA Filter
16. Inlet Prefilter

## NOTES:

1. Dimensions are shown in millimeters.
2. Dimensions shown are design dimensions and are subject to change due to manufacturer's tolerances.

## TECHNICAL SPECIFICATIONS

Volume: 0.8 – 2.5 L	Compressed Air Supply: 50 m <sup>3</sup> /hr @ 6 bar
Inlet Temperature: 25 - 100°C	Electrical Supply : 230/3/60 or 400/3/50
Process Air Volume: 23 – 40 m <sup>3</sup> /hr	Design Standards: CE, UL, NFPA, CSA
Solution Delivery Rate: 1.4 – 50 ml/min	Safety Standards: Class 1 Div. 2 and ATEX Zone 2
Weight: 330 kg (Approx.)	

Providing equipment and processing solutions around the world since 1972, Vector is a subsidiary of Freund Corporation located in Tokyo, Japan. Globally, the Freund/Vector team has thousands of system installations in the pharmaceutical, healthcare, chemical, agricultural, and food industries.