

## Multi-Purpose Bench Top 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

### Flexible Process Capabilities

- 20g to 600g Capacity – No Inserts Required
- Two Chambers: Standard and Extended
  - Rated for Solvent Usage
  - Full Visual Process Monitoring
- Ext. Chamber for Fine Powder Processes
- 0.2  $\mu\text{m}$  Filter Retention (HEPA Ready)

### Quick Changeover Design

- No Tools Required for Changeover/ Cleaning
- Integrated Peristaltic Pump
- Removable Spray Gun and Product Screens
- Removable Filter Chamber and Filters

### Color Touchscreen Control System

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



The VFC-LAB Micro is a self contained and easy-to-operate development fluid bed system. Capable of processing batches as small as 20g, the VFC-LAB Micro is the ideal solution for feasibility studies. For maximum flexibility, the system includes all components necessary to perform top spray granulation, bottom spray coating, and drying processes. With a standard configuration that includes spare parts, two filter chamber sizes, a 12-month warranty, and quick delivery, the VFC-LAB Micro represents the best equipment value in its class.

#### VECTOR CORPORATION

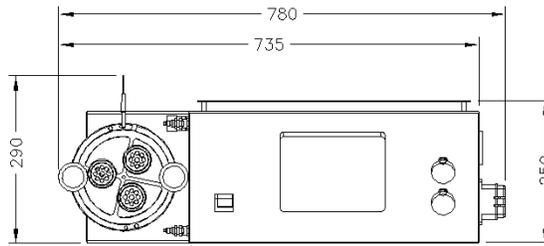
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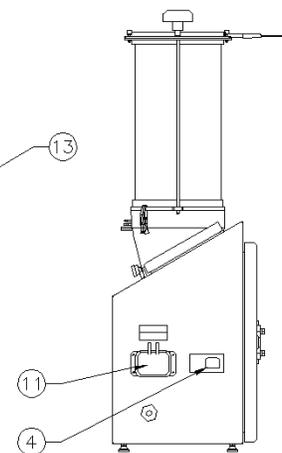
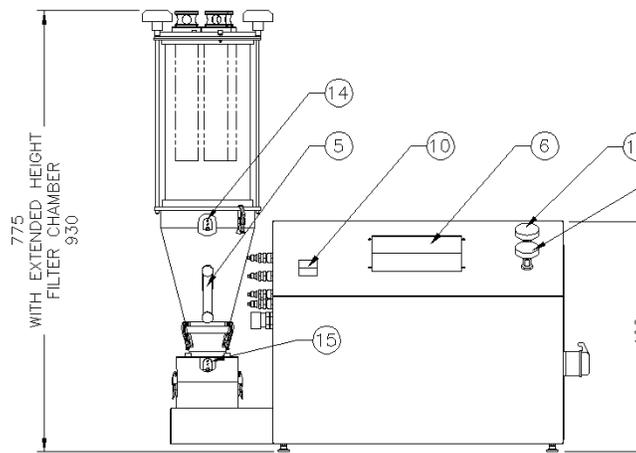
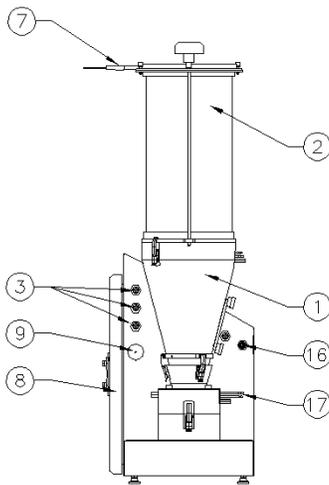
[www.vectorcorporation.com](http://www.vectorcorporation.com)

# VFC-LAB Micro



**NOTES:**

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



- |                            |                                      |                               |                                        |
|----------------------------|--------------------------------------|-------------------------------|----------------------------------------|
| 1. Product Container       | 6. Color Touchscreen                 | 10. Peristaltic Pump          | 15. Wurster Gun Port                   |
| 2. Filter Chamber          | 7. Product/Exhaust Temperature Probe | 11. Data Collection Port      | 16. Nozzle Air Connection              |
| 3. Filter Pulse Connection | 8. Hinged Rear Cover                 | 12. Fluidization Airflow Adj. | 17. Solution and Nozzle Air Connection |
| 4. Power Connection        | 9. Temperature Connection            | 13. Nozzle Airflow Adj.       |                                        |
| 5. Viewing Window          |                                      | 14. Top Spray Gun Port        |                                        |

## TECHNICAL SPECIFICATIONS

Volume: 40 – 1200 mL	Compressed Air Supply: 300 LPM @ 4 bar
Inlet Temperature: 25 - 100°C	Electrical Supply : 110/60/1 or 220/50/1
Process Air Volume: 40 – 180 L/min	Design Standards: CE, UL, NFPA, CSA
Solution Delivery Rate: 0.5 – 10 mL/min	Safety Standards: Class 1 Div 2 and ATEX Zone 2
Weight: 23 kg	

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.