

Bench Top High Shear Granulator/Mixer System For Developmental Wet Granulation and Mixing Processes

Portable Self-Contained System

Quick Change Design – No Tools Required for Cleaning or Changeover

Maximum Processing Flexibility

User-Defined Settings for Mixer and Chopper Blade Speeds

1L and 4L Interchangeable Bowls

Integrated Peristaltic Pump

Rated for Solvent-Based Solutions

Optional Jacketed Bowl

Engineered Scalability

Consistent with Production GMX Systems

Proportional Mixer Blade Tip-Speeds

Bowl and Blade Geometries

Color Touchscreen Control System

Configured for Easy Operation

Validatable Process Control

Multiple End-Point Detection Parameters

Mixer Power – with Trending Screen

Granulation Time

Product Temperature – via IR Temperature Sensor

Data Collection Port to PC or Printer (Opt.)



Completely self-contained and operator-friendly, the GMX-LAB Micro High Shear Granulator/Mixer System is ideally suited for today's demanding process development requirements. Unlike other laboratory micro-scale mixers, the GMX-Lab Micro is engineered with scalability in mind, utilizing product bowl and blade geometries that are consistent with Vector's production GMX systems and adjustable speed settings for matching mixer blade tip speeds. With a standard configuration that includes spare parts, two bowl sizes, solution addition capabilities, a 12-month warranty, and quick delivery, the GMX-Lab Micro represents the best equipment value in its class.

VECTOR CORPORATION

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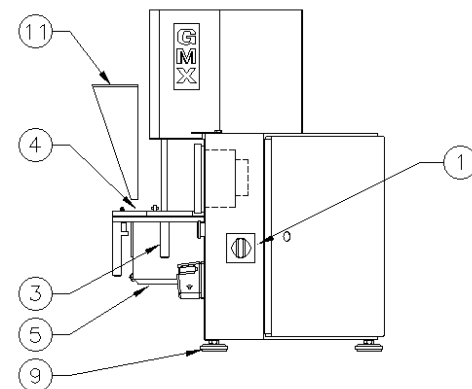
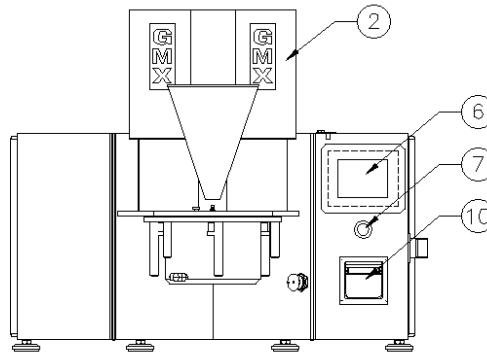
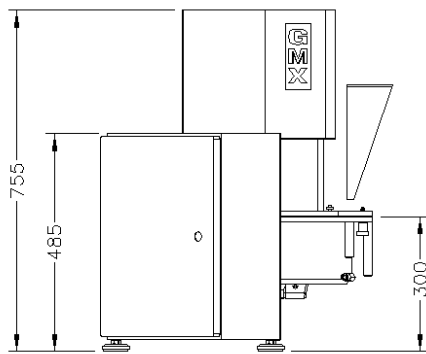
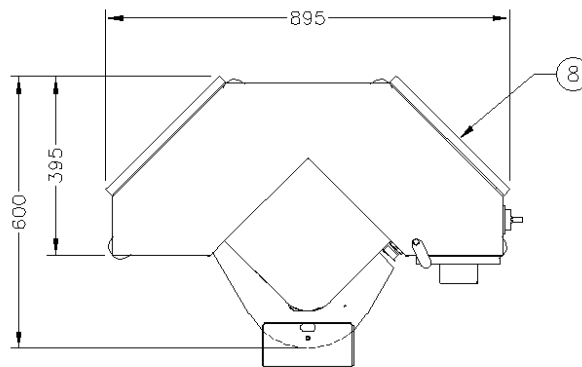
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GMX-LAB Micro

1. Control Power Switch
2. Machine Head
3. Bowl Lift Handles
4. Bowl Cover
5. Removable Bowl
6. Operator Interface Panel
7. Emergency Stop
8. Access Doors
9. Leveling Legs
10. Peristaltic Pump
11. Removable Funnel



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

Bowl Capacities: 1 and 4 Liter	Electrical Supply : 220VAC/ 1 Phase/ 50-60Hz
Working Capacity 1 Liter: 0.3 – 0.7 Liters	Weight: 60 kg (Approx.)
Working Capacity 4 Liters: 1.3 – 2.7 Liters	Design Standards: CE, UL, NFPA, CSA
Mixer Speed 1 Liter: 837 – 1300 RPM	Safety Standards: Class 1 Div. 2 and ATEX Zone 2
Mixer Speed 4 Liters: 594 – 800 RPM	

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.