

Multi-Capacity Laboratory Hi-Coater System

For Pilot Scale and Small Production Pan Coating Processes

Portable Self-Contained System

Five Interchangeable Fully Perforated Pans:

Rated Volume: 20L, 40L, 55L, 110L, 150L

Smaller 3 Pans Interchangeable in LDCS-Pilot

Hinged Front and Side Access Doors

for Quick Pan Changeover

Flexible Processing Capabilities

Process at 25% Rated Pan Capacity

Anti-Bearding Spray Gun

No-Drip Design with Needle Valve

Atomization & Spray Pattern Control for

Consistent Coating Processes

Easily Removable Spray Bar

Anti-Marking Coating Pans

Mirror-Smooth Finish

Removable Anti-Slide and Mixing Baffles

Abrasion Resistant Perforations

Color Touchscreen Control System

Two Modes of Operation

Automatic Mode – Recipe Driven

Manual Mode

Validatable Process Control

Inlet Airflow and Pan Pressure

Exhaust or Inlet Temperature

Spray Rate and Delivery Amount



The LDCS-Pro is a portable, self-contained system designed for pilot scale and small production pan coating processes. Unique abrasion resistant perforations minimize tablet attrition. Each coating pan is manufactured with the latest anti-marking technology, consisting of a high mirror finish and anti-slide baffles. Vector's coating pans are designed with the ability to process at 25% of the rated batch capacity. With a standard offer that includes a coating pan, a recipe-driven control system, and quick delivery, the LDCS-Pro provides the best solution for your pilot scale and small production pan coating processes.

VECTOR CORPORATION

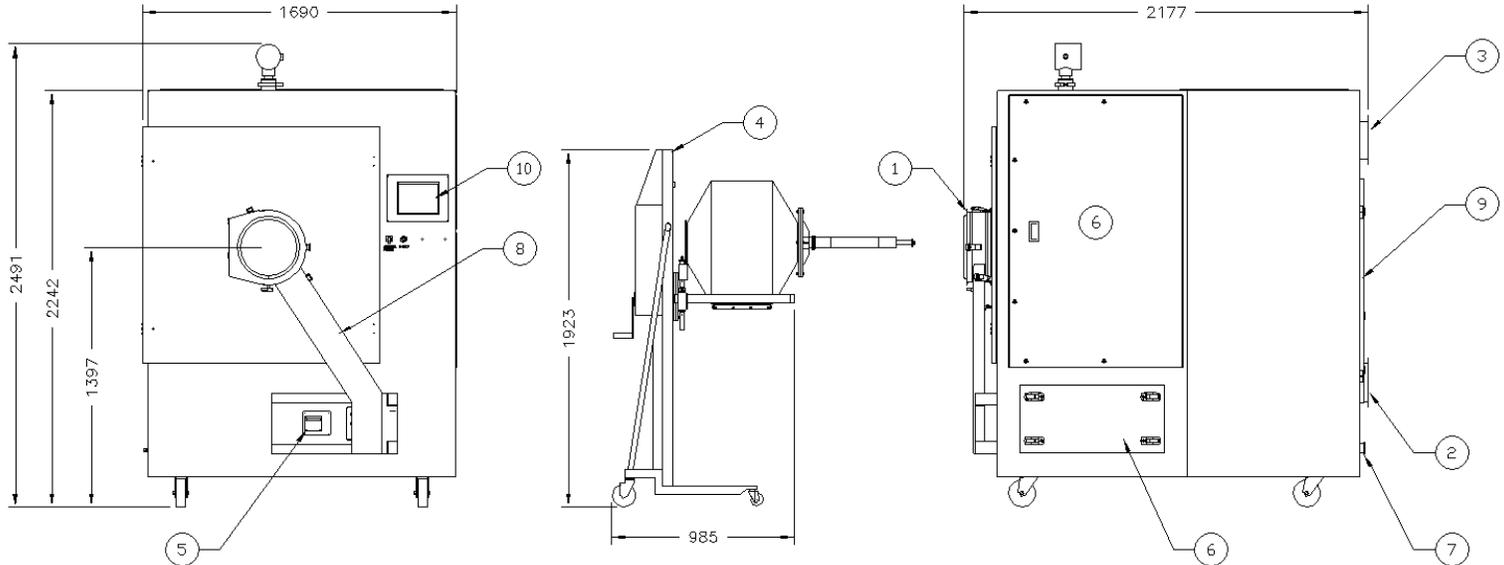
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LDCS-Pro



- | | |
|----------------------------|----------------------|
| 1. Pan Door | 6. Access Panel |
| 2. Inlet Air Pre-filter | 7. Drain |
| 3. Exhaust Air | 8. Spray Bar Support |
| 4. Pan Removal Lift (Opt.) | 9. Inlet HEPA Access |
| 5. Peristaltic Pump | 10. Touchscreen OIP |

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

| | |
|---|--|
| Inlet Temperature: 25 – 100°C | Compressed Air Supply: 84 m ³ /hr @ 7 bar |
| Process Air Volume: 255 – 1700 m ³ /hr | Electrical Supply : 460/3/60 or 400/3/50 |
| Solution Delivery Rate: 10 – 250 mL/min | Weight: 2090 kg (Approx.) |
| Pan Speed: 2 – 17 RPM | Design Standards: CE, UL, NFPA, CSA |
| Fluid Orifice / Spray Cap: 1.2 mm / 4.0 mm | (Solvent Rating Optional) |

PAN DIAMETERS

| | | | | |
|-------------------|-------------------|---------------------------|--------------------|----------------------------|
| 20 L: 610mm (24") | 40 L: 760mm (30") | 55 L: 760mm (30" Stretch) | 110 L: 915mm (36") | 150 L: 915mm (36" Stretch) |
|-------------------|-------------------|---------------------------|--------------------|----------------------------|

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.

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