

Labcoat™ M Tablet Coating Systems

Labcoat™ M is a product line of compact, self-contained, laboratory coating systems with interchangeable pans.

> Features

- Compact, self-contained design
- Interchangeable pan sizes
- 316L stainless steel, polished mirror finish (0.4 µm RA) product contact
- Schlick™ ABC (anti-bearding cap) spray nozzle
- Built-in Watson Marlow™ peristaltic pump
- Siemens™ colour touchscreen HMI & PLC control
- On-board supply fan, electric heater & exhaust fan
- Integrated high efficiency supply and exhaust filters
- Solvent capability optional
- Solution flow measurement via loss-in-weight scale optional
- Bin blender and tray drying oven inserts available
- Mesh pans available
- Coating pan racks available

> Benefits

- Easily installed and relocated – “plug-and-play” system
- User-friendly control system
- Easy coating scale-up
- Minimum GMP space required



Our Labcoat™ M5 and M10 tablet coating systems (pictured above) are completely self-contained with both the supply and exhaust fans on-board. These units are easily installed and can be relocated as required.



Pictured on the left is our mobile 4 pan storage rack. Behind the pan storage are shelves for storage of pan accessories (plenums, spray booms, deflectors, etc.).

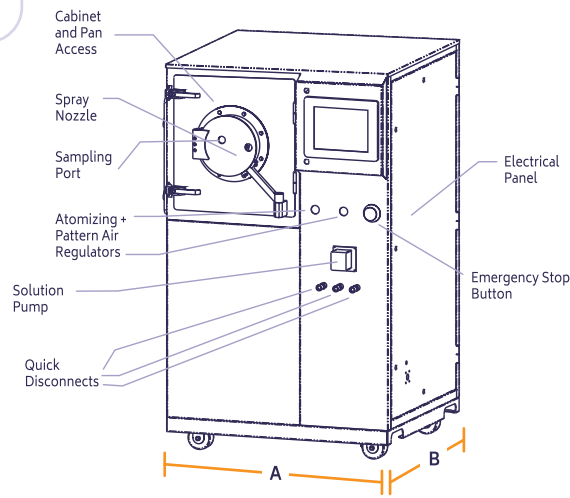


The Labcoat™ M5 and M10 systems can do more than just coating. Our tray drying oven (pictured on the right) and bin blender inserts allow our Labcoat M5 and M10 to be used as “3-in-1” systems, ultimately reducing cost and GMP floor space.

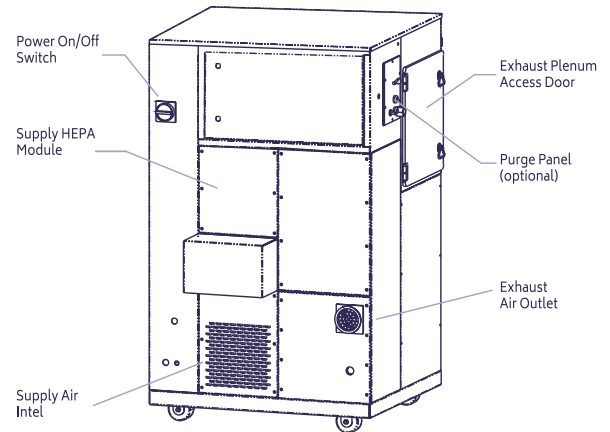
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Labcoat™ M Tablet Coating Specifications



^ Front View



^ Backview

^ General Specifications

Labcoat™ M5

Labcoat™ M10

Available Drum Sizes	8.5", 10.5", 12" and 15"	12", 15", 17" and 19"
Brimful Volume	0.67 to 7.3 L	1.96 to 14.3 L
Working Capacity	0.32 to 5 kg	0.94 to 10 kg
Supply Air Volume	85 to 240 m ³ /h (50 to 140 CFM)	140 to 390 m ³ /h (80 to 230 CFM)
Inlet Filter	Roughing, G4, 30% efficiency	
Exhaust Filter	HEPA, H13, 99.97% efficiency	
	High efficiency, H11, 95% @ 0.3 micron	

^ Dimensions and Weight

Labcoat™ M5

Labcoat™ M10

Width (A)	980 mm (38.5")	1018 mm (40")
Depth (B)	725 mm (28.5")	901 mm (35.5")
Height (C)	1522 mm (60")	1715 mm (67.5")
Weight	360 kg (793 lbs.)	496 kg (1093 lbs.)

^ Utilities

Labcoat™ M5

Labcoat™ M10

Electrical Power	208-230V, 1Ph, 60Hz & 380-400V, 3Ph, 50 Hz + neutral	
Compressed Air	Aqueous: 15 Nm ³ /h at 6 bar (9 SCFM @ 90 PSI)	
	Solvent: 28 Nm ³ /h at 6 bar (16 SCFM @ 90 PSI)	

*Working capacity is 60-85% of brimful volume, calculated based on a product bulk density of 0.8 kg/L.

*Note: Specifications are subject to change without notification.

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