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# Laboratory Spray Dryer SPD-D-111 Trolley Portable on Wheels

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## Features:

1. SS with dull Pharma finish.
2. Compact Design with ease of cleaning post usage.
3. Excellent product flexibility including Drying of heat sensitive and aromatic products. Also, can handle sticky and hygroscopic products in one continuous operation.
4. Equipped with Twin High Efficiency Cyclons imbedded with Static Drain Rod.
5. Built in Hotplate and magnetic stirrer controlled through inbuilt controller.
6. Provided with digital vacuum and pressure indicator.
7. Sample Protection with monitoring of Outlet Temperature and Temperature of the sample.
8. Peristaltic pump with in-built forward, reverse and calibration facility through in-built Controller.
9. Co - Current as well as Counter Current Nozzle option.

## Technical Specifications:

- Evaporation rate: 1lit/hr (H<sub>2</sub>O)
- In air temperature: ambient to 280°C
- Heater capacity: 3 KW
- Power Supply: 220-240 VAC, 50 Hz, Single Phase Max. 15 Amp.
- MOC: SS with dull Pharma finish
- PID Controller Digital Model
- Aspirator Blower: 0.5 HP, 2800 RPM, 3-phase FLP Motor
- Pre-air Filter: 5 Microns
- Hepa air Filter: 0.3 Microns.
- Provided with Twin (High Efficiency) Cyclons and co current spray nozzle
- Chamber Diameter: 9"
- Provided with digital vacuum and pressure indicator
- Built in Hotplate and magnetic stirrer controlled through inbuilt controller
- Dimensions in mm (L x W x H): 650 x 650 x 1250

## Sample Trial Laboratory

Our Laboratory is Equipped with state-of-the-art Laboratory Scale Spray Dryer and follows a strict quality control measures.

Our team is dedicated in providing support for development of your product recipe by conducting your product trials in our Laboratory. This helps you to work with the customized spray dryers and develop the perfect product recipe.

Together we build a customized Spray Dryer suitable for your product application. All this before you make any significant capital investment.

