



Laboratory Spray Dryer SPD-P-111

**Trolley Portable
on Wheels**

Features:

1. PLC based with 7" touch screen.
2. SS with dull Pharma finish.
3. Portable with Compact Design with ease of cleaning post usage.
4. Excellent product flexibility including Drying of heat sensitive and aromatic products. Also, can handle sticky and hygroscopic products in one continuous operation.
5. Spray Drying with Organic Solvents in Combination with Inert Loop
6. Online data logging and temperature graphs.
7. Two-way communications with PC, Laptop and HMI.
8. Equipped with Twin High Efficiency Cyclons.
9. Built in Hotplate and magnetic stirrer controlled through inbuilt controller.
10. Provided with digital vacuum and pressure indicator.
11. Sample Protection with monitoring of Outlet Temperature and Temperature of the sample.
12. Peristaltic pump with forward, reverse and calibration facility.
13. Co - Current as well as Counter Current Nozzle option

Technical Specifications:

- PLC based with 7" touch screen
- Evaporation rate: 1lit/hr (H₂O)
- 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
- 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 Cyclones and co current spray nozzle
- Chamber Diameter: 7" / 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): 670 x 650 x 1600