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# Advanced Laboratory Spray Dryer

with Co-Current Spray

**LSPD3-P (PLC)**

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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. Skid Mounted Design Specifically designed for Laboratory Spray Drying Needs.
5. Provided with Digital Vacuum Indicator and Pressure Gauge.
6. Sample Protection with monitoring of Outlet Temperature.
7. Peristaltic pump with in-built forward, reverse and calibration facility through in-built Controller.
8. Co - Current as well as Counter Current Nozzle option.
9. Suitable for Aqueous and Solvent feeds.

## Technical Specifications:

- Evaporation rate: 1.5 to 2 ltrs/hr (H<sub>2</sub>O)
- Efficient PLC & Touchscreen Controlled.
- Inlet air temperature: ambient to 280°C
- Heater capacity: 12 KW
- Power Supply: 440 VAC, 50 Hz, Three Phase.
- MOC: SS with dull Pharma finish
- Aspirator Blower: 2 HP, 2800 RPM.
- Pre-air Filter: 5 Microns
- Hepa air Filter: 0.3 Microns.
- Co current spray nozzle
- Provided with Digital Vacuum Indicator and Pressure Gauge.
- Dimensions in meters (L x W x H): 2.5 x 2.5 x 3