TSPS
TECHNO SEARCH
PROCESS & SYSTEMS

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Pilot Spray Dryer

5 kg/hr water Evaporation

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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 Spray Drying Needs in industry and institute.
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: 5 Kg/hr (H20)
- Efficient PLC & Touchscreen Controlled for PLC model.
- PID Controller for Digital model.
- Inlet air temperature: ambient to 250°c
- Heater capacity: 10.5 KW
- Power Supply: 440 VAC, 50 Hz, Three Phase.
- MOC: SS with dull Pharma finish
- Aspirator Blower: 2 HP, 2800 RPM.
- Pre-air Filter: 10 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): 4.5 x 3.5 x 2.5

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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.

GeM Government eMarketplace

CERTIFIED ISO 9001:2015 COMPANY

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MAKE IN INDIA

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