TSPS
TECHNO SEARCH
PROCESS & SYSTEMS

www.technosearchprocess.com

Pilot Spray Dryer
PLC Based

7.5 Kgs to 50 Kgs / Hr
Water Evaporation

www.technosearchprocess.com

Features:

1. Efficient PLC & Touchscreen Controlled with HMI.
2. Online data logging and temperature graphs on HMI.
3. Time Based Auto Sequential Shut Down of the System.
4. Peristalitic Pump with Inbuilt Calibration Functionality in ml/min through HMI
5. Co - Current Spray
6. Two Fluid Spray Nozzle with Auto Jet deblocking with Variable Frequency strokes from HMI.
7. Compatible with Solvent & Aqueous Feeds
8. Aseptic GMP Unit
9. Inlet air temperature: Ambient to 250 Degree Celsius.
10. Sample Protection with monitoring of Outlet Temperature
11. 7 Segment LED Digital Display for Vaccum and Pressure
12. FLP Construction as per requirement.
13. Ease of cleaning post usage.
14. Customisation as per Customer requirement

Technical Specifications:

1. User Friendly HMI & PLC Based Control System.
2. 7.5 Kgs to 50 Kgs / Hr Water evapouration.
3. Power Supply - 3 Phase 4 wire. 440VAC, 50Hz.
4. Spray System - Two Fluid Spray Nozzle.
5. Electrical Heater.
6. Inler Air Temperature - Ambient to 250 Deg Celcius
7. Persitalitic Feed Pump.
8. MOC: S.S with dull pharama finish / Painted M.S.
9. Aspiration Blower with 3 Phase FLP Motor.
10. Fresh Air Filter:

- Pre Filter 5 Microns.
- Hepa Filter 0.3 Microns.

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Sample Trial Laboratory & Job Work Facility

Our Laboratory is Equipped with state-of-the-art Pilot 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.

We also undertake **Job Work** for you Product.

GeM Government eMarketplace

CERTIFIED ISO 9001:2015 COMPANY

MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES

CE

MAKE IN INDIA

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