Phone: +91-9896600003

Email: sales@naugralabequipments.com

### **Product Name:**

Naugra Tall Form Spray Dryer and Chiller

## **Product Code:**

NLAB-TECHNICALAB23007



## **Description:**

Naugra Tall Form Spray Dryer and Chiller

# **Technical Specification:**

## **Features**

- Available as a Spray Dryer or as a Spray Chiller.
- Accessory sets are available to quickly change from drying to spray chilling
- Tall Form chamber straight side to diameter ratio of 3:1, conical discharge section
- Advanced 2-fluid nozzle atomisation system
- Supplied with optional nozzle configurations for counter- and co-current atomising Individual inlet and exhaust fans with variable speed control
- Bag filter and trace heating options
- Flexible controls and full instrumentation provided in the IP65 control console
- Easily dismantled for inspection and cleaning purposes
- Compact, mobile design

Phone: +91-9896600003

Email: sales@naugralabequipments.com

- Data logging facility for all key operational parameters
- Powder discharges from two points, chamber and cyclone
- Low noise levels
- Control & measurement of relative humidity
- Spark arrester on input and enhanced safety extraction fan.

### **Benefits**

No clogging, no need for de-blocking devices

Co-current flow for drying heat sensitive products

Counter-current flow maximises chamber residence time for non-heat sensitive products

Residence times in the drying cylinder variable up to nine seconds

Easy connections to electrical and compressed air utilities

Data recording to computer speeds evaluation and comparison.

**Unit Specification** 

General

Liquid feed: 2-7l/h from variable speed progressive cavity pump

Air flow: Up to 30scfm, using variable speed fans in 'push-pull' configuration

Chamber residence times: Variable up to nine seconds

Powder collection points: Separate chamber and cyclone discharge points

Atomisation nozzles: 2-fluid type

Spray Drying

Electric Air Heater: 4.5kW

Drying Air Temperature: 50 - 250°C

Evaporation Rates: 1.5 – 3l/h

Phone: +91-9896600003

Email: sales@naugralabequipments.com

Typical Particle Size Range: 20 – 120 microns

# Naugralabequipments

Website: www.naugralabequipments.com, Email: sales@naugralabequipments.com
Address: 6148/6, Guru Nanak Marg,Ambala Cantt,Haryana,India. Phone: +91-9896600003