

SPRAY DRYER (4 L/H)

RU 109

Description:

Spray dryers are referred to a type of dryers where the fluid is sprayed in a cyclone where it is further dried by blowing hot air on it. RU 109 is a comprehensive spray dryer which allows the users to familiarize with the drying process that occurs in a spray dryer.

Specifications:

- Stainless steel chamber
- Stainless steel cyclone for separating particles from exhausting air
- Spray nozzle
- Air speed adjustment system
- 9 kw power blade heater
- Feed tank
- Peristaltic pump with maximum capacity of 4 L/H
- Suction fan
- Temperatures sensors
- Fittings, valves and pipes
- Electrical control panel with displays and switches
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

*Compressed air line or a compressor is required for operation

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures

Applications:

1. Investigating the effect of inlet air temperature on output humidity of product
2. Investigating the effect of fluid flow on humidity of output product

Required For Operation:

- 3-Phase 25 A Electricity
- Compressed Air Line With 80L Copressor (In case these Items are not available in the laborutory they can be purchased seperately)
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:2000x 1500 x 2500

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