

Product Name :
Astra Spray Drying of Milk

Product Code :
ASTRALAB-SUPPLYA6009



Description :

Astra Spray Drying of Milk

Technical Specification :

Spray dryers are specifically used in the following fields: beverage flavors and pigments, milk and egg products, plant and vegetable extracts, pharmacy, synthetic heat-sensitive substances, plastic polymers and resins, fragrances, blood products, ceramics and superconductors, biochemical products, dyes, soaps and detergents, food adhesives Oxide bone meal and tooth powder, etc.

After filtering and heating, the air enters the air distributor on the top of the dryer, and the hot air enters the drying chamber evenly in a spiral shape. The material liquid passes through the high-speed centrifugal atomizer on the top of the tower body, and (rotating) sprays into very fine misty liquid beads, which can be dried into finished products in a very short time in cocurrent contact with hot air. The finished product is continuously output from the bottom of the drying tower and the cyclone separator, and the waste gas is evacuated by the induced draft fan.

This spray dryer is specially used for laboratory research, at least 20-30ml liquid can complete the test

The accessories are made of borosilicate glass for convenient and intuitive monitoring of the process status.

Atomization chamber is made of cyclone separator and receiving box is made of borosilicate glass, which can resist strong acid/alkali and high temperature. It can work in a pollution-free and stable environment.

Unique design is easy to clean, very easy to assemble and disassemble.

The air compressor is oil-free and will not pollute the compressed air. The sound is below 50db.

Inlet/outlet temperature is precisely controlled by PID

Use touch screen to display operation, control temperature, air flow, air pressure, pump speed and frequency of deblocking.

Using rotary pump with adjustable feed volume.

Automatic clogging device can prevent nozzle clogging and carry out variable control.



Astra Scientific

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