



Dryers

DRYTRON SD

SOLUTIONS DRYING MACHINE.

SPECIAL CONSTRUCTION, HIGH EFFECT, NO DEAD ANGLE UNIFORM OUTPUT.

LONG SERVICE LIFE



HIGH PRODUCTION CAPACITY



WIDE RANGE OF APPLICATIONS



DRYTRON SD

DESCRIPTION

Spray drying is a process of drying water solution, emulsion and so on. It is widely used in Industrial Chemistry and food industry. Spray drying is usually a method of injecting a fluid mixture into the hot dry air for drying. The solvent usually is water-based; it is instantly volatilized by hot air. This evaporation process removes heat quickly so that the product is dried gently without being affected by heat. The product becomes powder, particle, or lump within seconds.

APPLICATIONS

Spray drying can be used in a wide range of applications where the production of a free-flowing powder sample is required.

This technique has successfully processed materials in the following areas:

Beverages, flavours & colourings, milk & egg products, vegetable extracts, pharmaceuticals, heat sensitive materials, polymers and resins, perfumes, advanced materials, soaps, detergents, dyestuffs, adhesives, and oxides.

SPECIFICATIONS

Material	SS304 and SS316L
Inside Finish	Mirror polished
Outside Finish	Mirror polished
Capacity	5-50 Lit/hr (Customized)
Heater type	Electric Heater
Power	5~55KW
Voltage	110V ~ 480V

Features

1. Double flow spray nozzle
2. Well insulated chamber
3. Vision glass for hot chamber
4. Adjustable pump flow rate
5. Adjustable air temperature
6. Hot air temperature sensor
7. Outlet air temperature sensor
8. Touch control screen
9. Manual and automatic control



Stainless Steel



Dust Control
System



Long Service Life



High Precision
Pump



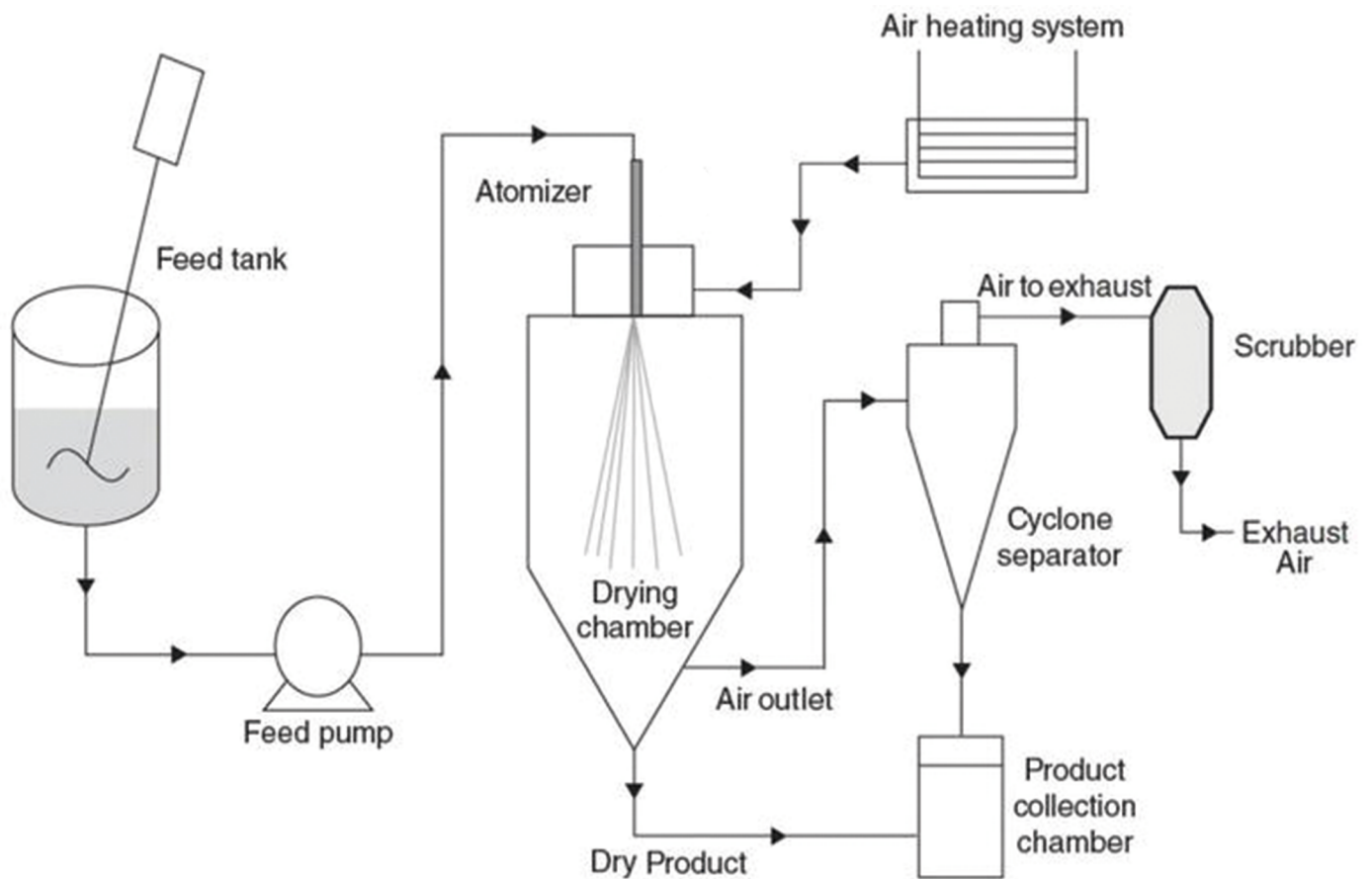
Request For
Order



Wide Range
Of Applications

DRYTRON SD

MACHINE DIAGRAM



COMPONENTS

Part number	Part Name	Part number	Part Name
1	Insulated drying chamber	8	Product collection champer
2	Double fluid atomizer	9	Cyclone separator
3	Efficient feed pump	10	Scrubber
4	Control panel	11	Material feed tank
5	HMI touch screen	12	Vision glasses
6	Powerful air blower	13	Inspection lamp
7	Electric air heater	14	Inlet air filter



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