



Dryers

DRYTRON-SD R4

RESEARCH SOLUTIONS SPRAY DRYING MACHINE.

COMPACT DESIGN, DUAL FUNCTION,
HOMOGENEOUS INPUT EMULSION.

LONG SERVICE
LIFE



PRECISE PRODUCTION
RESULTS



DUAL
FUNCTION



DRYTRON-SD R4

DESCRIPTION

DRYTRON-SD R4 is an equipment specially developed for R&D and small scale production. Any details of the equipment are designed in order to replicate the behaviour of a production unit, maintaining an extremely compact design useful in small laboratories.

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	Fine satin finish
Capacity	2-4 Lit/hr (Customized)
Heater type	Electric Heater
Power	3~6KW

Features	<ul style="list-style-type: none">- Double flow spray nozzle- Vision glass for hot chamber- Adjustable pump flow rate- Adjustable air temperature- Hot air temperature sensor- Outlet air temperature sensor- Touch control screen- Manual and automatic control- Wheeled for easy transport in the work area- Compact and user friendly design
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Stainless Steel



Dust Control System



Long Service Life



Precise Production Results



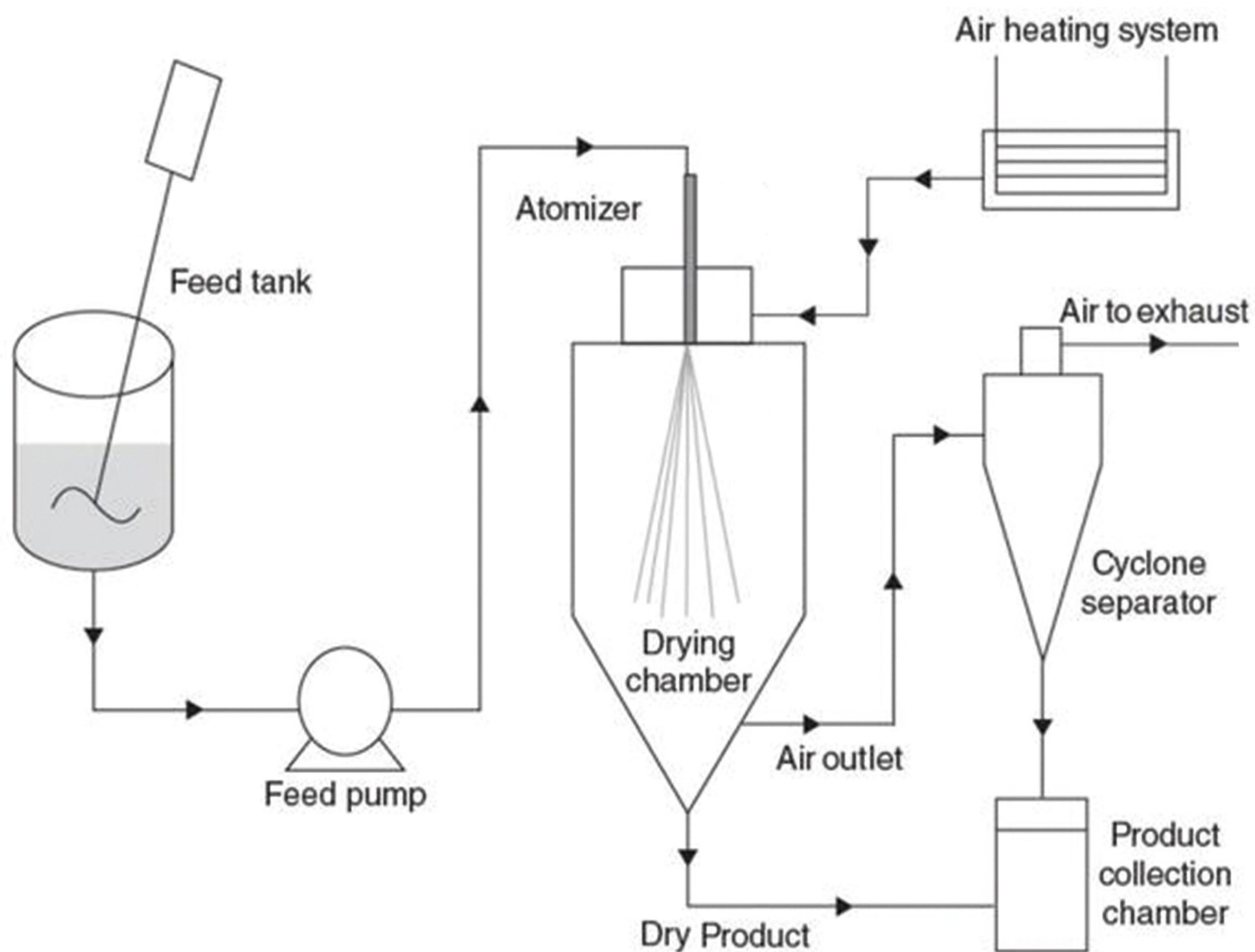
Request For Order



Wide Range Of Applications

DRYTRON-SD R4

WORK FLOW DIAGRAM



COMPONENTS

Part number

Part Name

1	Drying chamber
2	Double fluid atomizer
3	Efficient feed pump
4	Control panel
5	HMI touch screen
6	Powerful air blower
7	Electric air heater

Part number

Part Name

8	Collection champer
9	Cyclone separator
10	Dust filter
11	Material feed tank
12	Vision glasses
13	Inspection lamp
14	Inlet air filter



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