



PilotDry200 Laboratory Benchtop Spray Dryer



LCD Touch
Screen

Borosilicate glass

Download
Catalogue



Oil free air compressor



LCD Touch Screen Digital Display



Min 20-30ml liquid to finish one test



Peristaltic pump for feeding



Fully automatic control

Spray drying PilotDry200 is especially suitable for drying the heat sensitive materials, after drying, there's no need for smashing and sorting, so as to reduce the operation procedures and save your time.

- Borosilicate glass for easy visual monitoring of process status
- Spray chamber, cyclone separator, receiving tank are all made of Borosilicate glass which can resist strong acid/alkali, high temperature. It can work in a no-pollution and stable environment.
- Min 20-30ml liquid to finish one test
- Easy to clean and very simple to assemble and break down
- The air compressor is no oil and don't pollute compress air. The sound is low than 50db and following the GMP understands.
- inlet/outlet temperature is accurate controlled by PID
- The unit is self contained and supplied complete and ready for immediate operation.
- Touch screen control temperature, airflow volume, air pressure, pump speed and de-blocker frequency
- Product feeding with RS2559605 rotary pump, capacity is adjustable
- Automatic de-blocking device prevents the nozzle from becoming blocked and variably controlled

Instrument type	PilotDry200
Max, capacity	1500-2000ml/h
Temperature range of Inlet air	30°C to 280°C
Temperature range of outlet air	40°C-120°C
Precision of temperature	± 1°C
Dryer time	1.0-1.5 S
Volume of peristaltic pump	30-2000ml/h
Display	LCD touch screen
Display control	Inlet temperature, outlet temperature, peristaltic pump speed, air volume, pass pin frequency
Temperature control	PID
Consume of dryer air	0-330m ³ /h, max pressure: 686Pa
Consume of spray air	0-4.2m ³ /h, spray pressure: 2-5bar
Spray system	2 liquid nozzles with standard 1.0mm jet options of 0.5/1.0/1.5/2.0/2.5mm
Spray direction	downwards co-current
Instrument body	SUS304 stainless steell
Power	3.5KW 220V-240V
Dimensions LxWxH cm	75*90*140
GW	130 kg

Please note

If this Spray Dryer does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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