

Commercial proposal

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Laboratory spray dryer for powders TM-07

DESCRIPTION

Laboratory table spray dryer for use in universities, research institutes, food, pharmaceutical, chemical laboratories to produce fine powder particles from all solutions, such as emulsions and suspensions. This equipment is used for thermal drying of sensitive materials: biological products, biological pesticides, enzyme preparations. Since the material is sprayed onto fine-size particles only at high temperatures, it is only instantaneous heating to keep these active substances dry, keeping it.

The active ingredient is not destroyed. Weight 70 kg. It is made according to GMP standards from stainless steel SUS304. Provide detailed instructions for setting up spray drying. Before shipping to the customer, the equipment is checked and tested in production. Completeness and working capacity is guaranteed. We maintain a stock of parts and consumables in the warehouse. Price is indicated with the delivery to the city of the client.

MANUFACTURER - CHINA



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SPECIFICATIONS

Laboratory spray dryer for powders "TM-07"
 Inlet air temperature: 30 °C ~ 400 °C
 Output temperature control: 30 °C ~ 200 °C
 Evaporaon of water: 1500 ml / hr ~ 2000 ml / h
 Feed volume: 50 ~ 2200 ml / h (adjustable)
 Method of delivery: adjustment of the peristalc pump
 Dry air ow: maximum air ow rate 0-330 m3 / h
 Maximum air pressure 686 Pa
 Temperature control accuracy: ± 0.5 °C
 Average drying me: 0.8 ~ 1 seconds
 Machine power: 3,8 kW, 220V
 Overall dimensions: 1380mm x 770mm x 590mm
 Weight: 70 kg
 Weight with packing: 80 kg

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ADDITIONAL INFORMATION

Spray drying with a nozzle made in Europe guaranteeing high work eciency. Parameters of the touch screen of the color LCD monitor control the temperature at the inlet, outlet temperature, peristalc pump speed, air ow rate, needle frequency. Using the nozzle cleaner (through the needle), when the nozzle is blocked, it will automacally clean the needle, which can be automacally adjusted. Protecon against shutdown: just press the stop buon when turning o, and the machine in addion to the fan immediately stops working outside to make sure that the equipment will not be used incorrecly (force the fan o) and cause the burn part to heat up. A system for spraying, drying and collecng powder using transparent high-quality heat-resistant glass so that the drying process is carried out in a non-pollung environment. A two-atom spray spray structure, the machine is made of high-quality stainless steel, compact design, without auxiliary equipment. The design of dry temperature control using the PID-temperature control technology in real me, so that the temperature accuracy of the temperature control zone, the accuracy of the heang temperature control ± 1 °C. To maintain the purity of the sample provided with an input lter. The feed volume can be adjusted by feeding a peristalc pump, a minimum sample volume of up to 30 ml. Dry powder, its parcle size is more uniform, more than 95% dry powder in the same parcle size range. For a viscous material with a nozzle cleaner (through a needle), when the nozzle is blocked, it automacally clears the needle frequency, this can be automacally adjusted.

PRODUCTION TIME 30-40 DAYS

ESTIMATED DELIVERY TIME 30-40 DAYS

PRICE 8220,34 USD
VAT 1479,66 USD

VALUE 9700.00 USD

Payment is made in rubles to the account in Moscow at the rate of the RF Cental Bank

OUR SERVICES FOR CLIENTS:

1) TRAINING OF SPRAY DRYING TECHNOLOGY.

To all our customers who purchased equipment, we provide literature on the basics of spray drying liquids. We carry out consultations by phone and by correspondence, we help to solve arising difficulties at manufacture on our equipment. We supply spare parts and consumables. We provide services in the sale of equipment for drying used.

2) WE COMPLETE THE MANUFACTURE OF POWDERS.

We have a large range of additional equipment for drying and mixing powder. At the request of the client we will select a mixer, powder mixer, granulator, vibrating screen, filling and packing equipment for powders.

3) SPARE PARTS SUPPLY

We cooperate with manufacturers of laboratory and industrial spray dryers and we are engaged in the supply of spare parts for any model of dryers purchased in our company.



Roman Tsibulsky

Owner and supervisor

ROMAN TSIBULSKY