

Spray Dryers

Laboratory Scale Spray Dryer - Basic model

A simple and effective laboratory scale spray dryer for product research and development. The SD-Basic spray dryer is designed to enable initial production trials and evaluation to be carried out quickly and efficiently. For details of applications, accessories and of the two fluid nozzle, see the description of the SD-06

Construction

The chemically resistant painted housing includes the blower, heater and the controls for inlet temperature and pump speed. The drying air volume is fixed at 70m³/hr.

The unit requires but is not supplied with an external compressor*.

All clamps and fittings are designed to allow assembly and removal of the glass components in only a matter of seconds and the rear of the cabinet includes an inlet filter ensuring that the drying air does not include contaminants

* Minimum compressed air requirements = 50 Lt/min @ 8 bar

Technical Data

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|-----------------------------|---|
| Air inlet temperature range | Max. 200° C |
| Air flow | Fixed at approx 70 m ³ /hr |
| Heater capacity | 3000 watts |
| Feed pump volume | 0 to 1500 ml/hr |
| Power supply | 220/240 V - 50/60 Hz - 13 amps (others available) |
| Dimensions (H x W x D)-mm | 1110 * x 500 x 500 |
| Unit weight | Approx. 60kg |

* including jet assembly

Product No 13900/20

Model No SD-Basic

The unit is supplied with a complete glassware set comprising main drying chamber, cyclone, sample collection and waste collection bottles, clamps, seals and all necessary tubing

