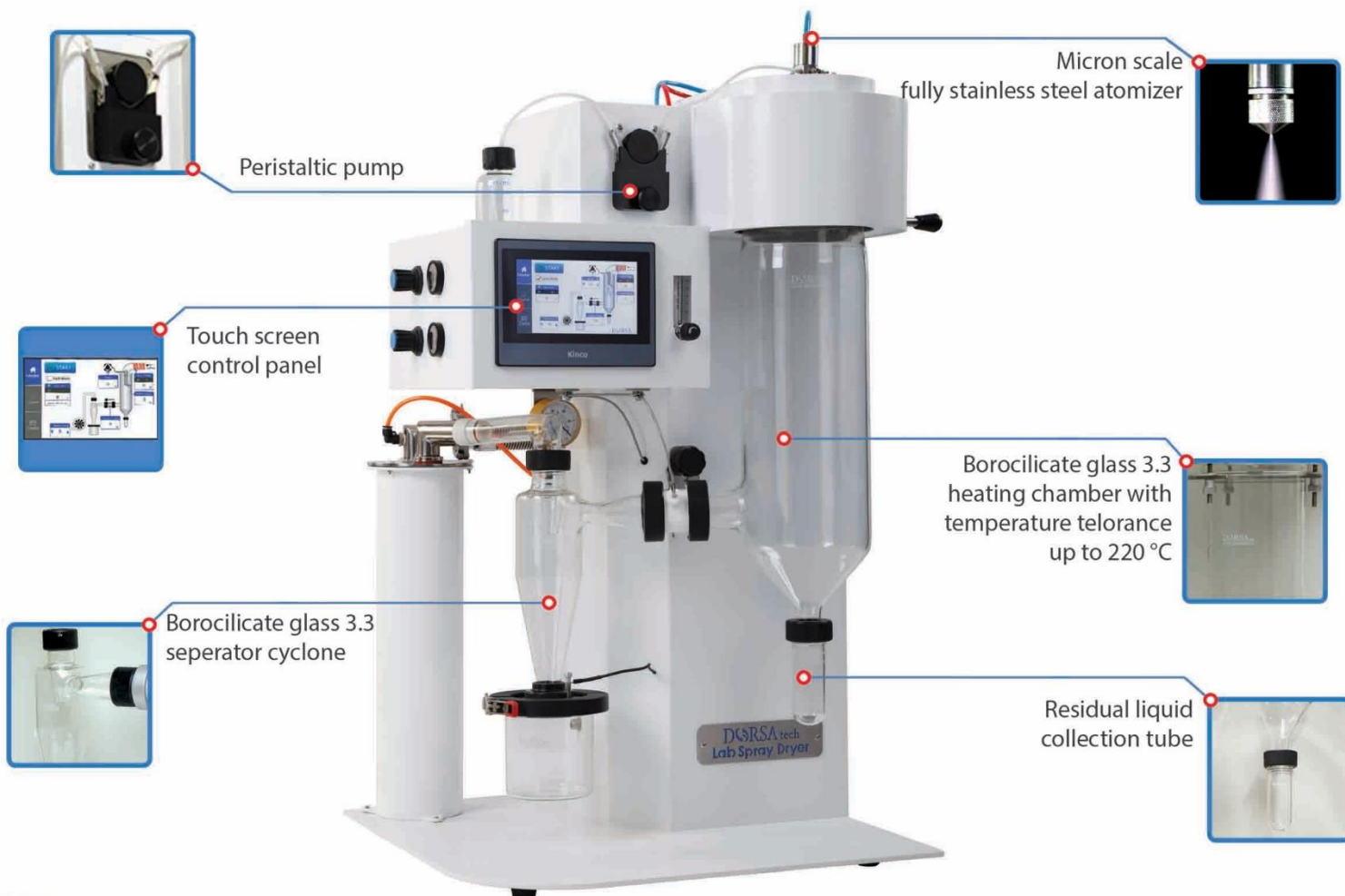


SPRAY DRYER

- Converts solutions & suspensions into dry powder using hot airflow
- Applications: Pharmaceuticals, micro-encapsulation and coating, foodstuffs, medicals, nutraceuticals and biotech products (fermentative, alga, protein).



FEATURES

- Glass parts made of borosilicate 3.3
- Direct drying from solution/suspension liquid to fine powder with a reduced risk of contamination
- Integrated automation for adjusting operational parameters
- Simple and economical to operate and cleaning
- PLC based control system & HMI user interface
- Compact bench top model, Easy operation to work with small sample volume
- Two-fluid nozzle and the nozzle cleaner needle
- Suitable for aqueous solutions samples

Technical data overview	
Power consumption	max.3500 W
Connection voltage	200–230 V ± 10 %
Frequency	50/60 Hz
Evaporating capacity	max 1000 ml/h (water like)
Airflow	Max. of 35 m3/h
Max. temperature input	220 °C
Heating control	PT-100, fuzzy logic, control accuracy ± 2 °C
Nozzle tip diameter	0.7 mm standard, other sizes 1.4 and 2.0 mm available
Possible particle diameter range	2–25 µm
Dimensions (W×H×D)	65×110×70 cm
Weight	66 kg
Yield	40% up to 70%
MAX viscosity	300 cps
Accessories	
Air Compressor	50 Lit - Oil Free – 10 bar