

SPRAY DRYER

FABRICANT : Yamato

MODÈLE : DL410

Characteristics

- Spray drying of liquid samples to produce a solid powder
- Maximum evaporation capability: 3 L per hour
- Temperature of 40 to 300°C
- Liquid sample flux: 80 mL/min. max.
- Dry airflow rate: 1.2 m³/min. max.
- Can be connected to a solvent recovery system
- Can process solid matter as small as 0.5 g

Samples

- Liquids
- Volume of samples that can be processed: 4.8 L per hour

Examples of applications

- Recovery of silica particles (microspheres) in fine powder form
- Separation of solvents to recover nanoparticles in solid form
- Final formulation of biomolecules produced by fermentation (antibiotics, organic acids, proteins, enzymes, biosurfactants, etc.)
- Final formulation of food products in solid form