Spray dryer technology is ideal for drying solutions, suspensions or emulsions into representative powder samples for pharmaceutical, chemical and food industries.

Applications:

- Manufacturing of homogeneous products from multicationic solution
- Agglomeration of submicronic or nanometric powders
- Powder engineering and coating
- Improvement of powder handling properties

Technical features:

- Drying of aqueous and non-aqueous feed (ATEX)
- 50 ml to 5 litres/hour evaporation for small and pilot tests
- Production of powders from solution with particle size between 1 to 20 μm (rotary and co-current two-fluid nozzles)
- Production of powders from suspension with particle size up to 100 μm (fountain mode)

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